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Sheep AND Goat Raiser

February, 1951



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SAN ANGELO, TEXAS

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Non-member subscriptions should be sent to Magazine Office direct. Dues to Association Office.

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Calendar

January 26 - February 4 - Southwestern Exposition and Fat Stock Show - Fort Worth

January 31 - February 11 - Houston Fat Stock Show - Houston

February 9 - Garden City Livestock Show - Garden City

February 10 - Del Rio Junior Livestock Show - Del Rio

February 10 - Hudspeth 4-H Show - Fort Hancock

February 10 - Big Bend Livestock Show - Alpine

February 14 - 18 - Southwestern Livestock Show and Rodeo - El Paso

February 16 - 25 - San Antonio Livestock Exposition - San Antonio

March 1 - 3 - San Angelo Fat Stock Show - San Angelo

March 10 - Texas Sheep and Goat Raiser's Directors Meeting - Bandera

Grazings

By The EDITOR

CONTROLS AGAIN BE-DEVIL LIVESTOCK INDUSTRY

IN SPITE of the unanimous opposition of the various segments of the livestock and meat industry executive order has imposed price control regulations upon the meat industry. The enervating effect of the edict will not be long in appearing. Apparently, the experiences of controls of the recent World War have made no impression upon the powers in Washington nor upon the public. Sincere efforts upon the part of the livestock and meat industry amounted to nothing.

Several facts based upon experience and sound, common sense were repeatedly emphasized by leaders of the livestock and meat industry in attempt to prevent a move which has proved impossible to administer and discouraging to efficient production. The previous experiment proved to be most costly in tax payers' money and wasteful of meat and animal products. Black markets grew throughout the nation and the meat priced at the ceiling placed became almost non-existent.

The livestock feeders confronted with ceilings during the last experiment found themselves also confronted with damaging feed bills and other expenses. Many were bankrupt. Their caution now will be excusable and will obviously result in fewer meat animals reaching the packers. Every means should be employed to encourage efficient feeding operations and to expand increased livestock production. There is nothing in the control picture which indicates that such encouragement is to be given by Washington bureau heads. Livestock growers, as any casual observer can see, have been making tremendous strides in augmenting the nation's meat source. High prices born by unusual demand have spurred the effort. Ceiling prices and control will only hamper production and impede the work.

The livestock producers have organizations; that is true, but these organizations do not bargain for the individual producer in the sale of his products. Labor has unions and these unions do bargain for the consumer's dollar. The farmer and ranchman takes the offered price or does not sell. If the balance is not satisfactory to the producer during the uneasy days ahead and controls seem certain to affect the balance decreasing numbers of livestock will go to the packers. Much of the range land is understocked, ranchmen can and most likely will restock. There is a substantial supply of feed in the hands of farmers which should be used to expand feeding operations but which is likely to be sold otherwise.

The livestock and meat interests are interested in their welfare but this interest is not selfish. The price of

meat is determined, we repeat, by the demand of the consumer.

The situation is summed up:

"The lack of balance between the effective consumer purchasing power and the available supply of goods is the principal cause of inflation; such inflation can be effectively curtailed by wise employment in the war effort of such overbalance of purchasing power. A sound tax program which will provide the funds necessary for a 'pay as we go' basis will help keep prices at a reasonable level. A sharp curtailment in government non-defense spending also would help prevent further inflation. Price controls on livestock and meat, on the other hand, will result in excess purchasing power finding its way into the pockets of black market operators, most of whom pay little taxes. The issue is clear cut - shall we finance the cost of preparedness for war with this purchasing power or shall we delude ourselves with price controls and, in the process, use it to establish more personal fortunes in the black market. Inflation cannot be stopped by price, wage, and ration controls. Such measures deal with symptoms rather than fundamental causes. They interfere with production; impair the flexibility of our economy; reduce our capacity to expand output; require huge administrative staffs; and invite black markets."

If Washington did not ignore the reasonings of the livestock and meat industry the results are the same. We have controls. We do not perceive in the picture any appreciable reduction in non-defense governmental spendings. We see no noticeable reduction in efforts to force socialistic "reform" upon the public. We see no lessening of the pink light shining upon the road which has been chosen by our national leaders. We have controls.

"Every effort should be made," declares Ernest Williams, Secretary of the Texas Sheep and Goat Raisers' Association, "to make the blow fall as lightly as possible on the American people and on the sheep industry by trying to avoid some of the most obvious and glaring mistakes made under the OPA."

COTTONSEED MEAL AND CAKE ARE DOWN TWO DOLLARS

DEMAND FOR cottonseed meal and pellets picked up the last week in January, according to Maurice Nixon, manager of the Western Cottonoil plant in San Angelo. Current prices on cottonseed meal are \$88 per ton in carload lots, and \$90 for pellets.

So far as the sale of meal and cake are concerned, December was a strong month and January was off. Nixon credited this to the fact that the initial supply of feed in the stockmen's barns was not moved until January, but that actually there was more feeding in January than the previous month when the purchases were made.

Nixon reported the cottonseed supply adequate to meet any demands of the stockmen - even if it does not rain. He foresees no shortage of cottonseed meal or cake.

Area Livestock Shows Attract Keen Interest

GLENN BRAGG WINS TALPA LAMB SHOW

GLENN BRAGG, young Delaine Breeder of Talpa, won the Talpa FFA livestock show fat lamb division with a Southdown. The reserve champion was shown by Joe Allcorn and was also a Southdown.

Top results of the show held January 8 are listed below:

Southdown crossbred lambs, 1st, Wendle Franke; 2nd, Glenn Bragg; 3rd, Miguonne. Suffolk crossbred lambs, 1st, Glenn Bragg; 2nd and 3rd, F. E. Clayton. Corriedale crossbreds, 1st to 3rd, Danny Becker. Southdown lambs, 1st, Glenn Bragg; 2nd, Joe Allcorn; 3rd and 4th, Glenn Bragg.

Fine wool lambs, 1st, Foy Allcorn; 2nd, Glenn Bragg; 3rd, Joe Allcorn.

Champion lamb, Glenn Bragg's Southdown. Reserve champion lambs, Joe Allcorn's Southdown.

Southdown cross pens of three, 1st, Harold McClure; 2nd, Robert Stokes.

Suffolk cross pens of three, 1st, F. E. Clayton.

Corriedale cross pens, 1st, Danny Becker; 2nd, Bill Rae.

Southdown pens, 1st, Glenn Bragg; 2nd, Joe Allcorn.

Fine wool pens, 1st, Foy Allcorn; 2nd, Joe Allcorn.

Champion pen of three, Glenn Bragg.

Reserve champion pen, Harold McClure.

Delaine ewe lambs, 1st, Joe Allcorn; 2nd, Brown; 3rd, Rex Bomar.

Delaine ram lambs, 1st, Joe Allcorn; 2nd, Rex Bomar.

Champion Delaine ewe, Joe Allcorn.

Champion Delaine ram, Joe Allcorn.

Southdown ram lambs, Wendle Franke.

Suffolk ram lambs, Jimmie Bomar.

DOUGLAS PHILLIPS SHOWS MENARD LAMB CHAMPION

GRAND CHAMPION lamb of the Menard junior livestock show was exhibited by Douglas Phillips, 11-year-old son of Mr. and Mrs. Henry Phillips of Menard County. The show was held January 13.

Young Phillips has a flock of registered Rambouillet which he started through the Sears Foundation. His champion lamb was a crossbred.

None of the animals were sold. The 4-H Club will take 79 fat lambs to the Fort Worth Show and some lambs will be saved for the San Angelo Fat Stock Show.

Scotty Menzies was given the award for the best showmanship and Johnny Winslow was runner-up for the showmanship award. The prize was a loving cup given by the National Farm Loan.

Complete results of the sheep show follow:

Fine wool fat lambs, 1st and 2nd, Scotty Menzies; 3rd, Donald Bradford.

Crossbred lambs, other than Southdown, 1st, Bradford; 2nd and 3rd, Scotty Menzies.

Southdown and Southdown crosses, 1st and 2nd, Phillips; 3rd, Scotty Menzies.

Champion fat lamb, Douglas Phillips.

Registered Rambouillet ewe lambs, 1st, Fritz Landers; 2nd, Johnny Winslow; 3rd, Fritz Landers.

Registered Rambouillet ram lambs, 1st, J. B. Landers; 2nd, Duery Menzies; 3rd, Fritz Landers.

McMULLAN LAMB TOPS OZONA SHOW AND SALE

JIMMY McMULLAN, Ozona 4-H Club boy had the grand champion fine wool lamb at the Crockett County Livestock Show. The animal, a crossbred Suffolk-Rambouillet, weighed 110-pounds and sold for \$286 to top the sale. McMullan's lamb was also judged top animal in the show.

Reserve champion fat lamb went to Graham Childress of Ozona.

(Continued on page 8)



An Excellent Class of Boys' Rambouillet Ram Lambs — A Practical Project with a Big Future

RAMBOUILLET - FOUNDATION SHEEP BREED

SEE THEM AT THE STOCK SHOWS — VISIT THE BREEDERS

Leading Producer of Fine Wool and Mutton

Fine Wool: Our most critical strategic commodity — is bringing record smashing prices. The US must import six out of every seven pounds consumed.

Lamb and Mutton: Are the only meats produced that are below the prewar level. Fat Rambouillet lambs often place above purely mutton breeds and cross-breeds at stock shows, and they often top commercial markets.

Rambouillets — a Good Investment

For information and list of breeders, write

THE AMERICAN RAMBOUILLET SHEEP BREEDERS' ASSOCIATION

710 McBurnett Building

San Angelo, Texas

KIMBLE COUNTY SHOW HELD JANUARY 15 - 16

GLEN LOVE showed the champion crossbred fat lamb, and the Kimble County 4-H Club the champion pen of 15 fat lambs among the 96 head of entries. The event was the fourth annual Kimble County Junior Livestock Show, January 15 and 16.

In addition to the fat mutton lambs, a breeding sheep division with 35 entries was judged. Gene Simon showed the champion Rambouillet ewe. No other championship awards were offered in the sheep division.

Davene Schmidt, Harper 4-H club girl, showed the grand champion Angora doe, only championship awarded in the goat division.

First placings in the sheep and goat judging follow:

Angora buck kids — Edward Kothmann
Angora doe kids — Edward Kothmann
Angora does, two-tooth or over — Davene Schmidt

Grand Champion Doe — Davene Schmidt

Fat Lambs

Southdown singles — Worth Duderstadt

Harper 4-H

Southdown, pair — Bill McNutt

Fine Wool Singles — George Parker

Fine Wool Pair — Lewis Alexander, FFA

Crossbred lambs, light weight — W. A. Wilson, FFA

Crossbred lambs, heavy weight — Glen Love, FFA

Champion Crossbred — Glen Love

Crossbred pair — Bennett Pagsdale, FFA

Champion pen of 15 — Kimble Co. 4-H

Breeding Sheep

Southdown ram — Joe Parker, Harper 4-H

Suffolk ewe — Rob Roy Spiller

Delaine ram lamb — Edward Walker, 4-H

Delaine ewe lamb — Ola Mae Itz

Rambouillet ewe lambs — Gene Simon, 4-H

Rambouillet two-tooth ewes — Tilden Stewart, FFA

Champion Rambouillet ewe — Gene Simon

WITTENBURG TOPS CONCHO COUNTY SHOW

ODUS WITTENBURG, 16-year-old

FFA member exhibited the champion fat lamb of the Concho County livestock show, January 13, at Eden. The 126-pound lamb was a Southdown crossbred.

Reserve champion was a 106-pound Delaine-Suffolk crossbred shown by 10-year-old Beth McElroy of the Eden 4-H Club.

The Holland Animal Production Award went to Joe Pat Jones of Eden 4-H for a lamb.

The Texas Sheep and Goat Raisers' Association award for outstanding 4-H Club work with sheep went to Wayne Smith. The Concho County Gold Star award for 4-H Club work went to Weyland Mullins of Eden.

Trophy for best sheep showman went to Jimmy Sanders and was presented by the Eden Chamber of Commerce.

The following top classifications were given at the show:

Breeding Sheep

Registered Rambouillet ram lambs — Gregory McLenan, Eola FFA, first

Registered Rambouillet rams, four to six teeth — Odus Wittenburg, Eden FFA, first

Wittenburg also has the champion Rambouillet Ram

Rambouillet ewe lambs — Harvey Williams, first

Rambouillet ewes, two-teeth — Jimmy Linderman, Eola FFA, first

Rambouillet ewes, four-to-six-teeth — Bobby Sorrell, Eden FFA, first

In the special class of Debouillits, Odus Wittenburg took all honors.

Registered Suffolk Rams — Floyd Cavin, first

Ewes

Grade Range ewe lambs — Johnnie Jacoby, first

Grade ewes, two-to-sixteeth — Stanley Lane, Eden FFA, first

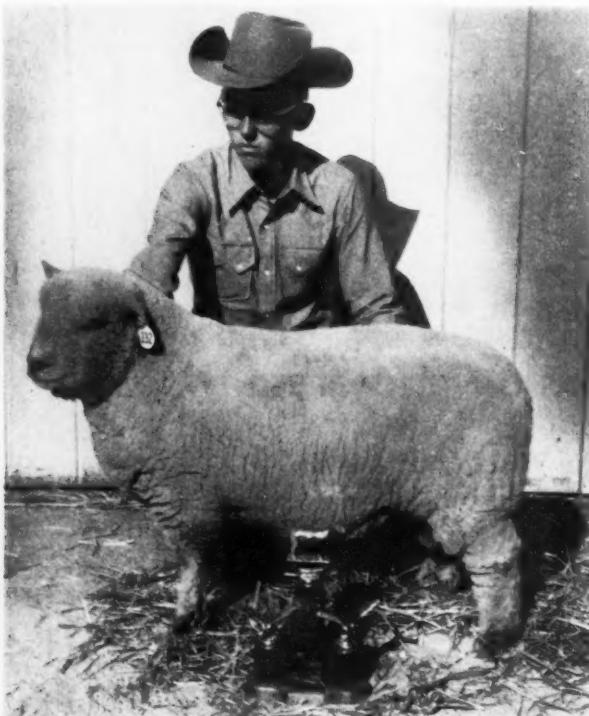
Grade or crossbred Southdown ewe lambs — Beth McElroy, Eden 4-H, first

Grade or crossbred mutton type ewes — Don Pfluger, first



UNUSUAL FINE WOOL LAMB CLASS AT COLEMAN

This picture shows the line-up of 82 fine wool fat lambs exhibited in the Coleman show, January 15-16. A \$25 award boosted the interest in this class. Coleman County boys show marked interest in feeding lambs and some of their stock has placed high in the major shows.



HERRING'S COLEMAN CHAMPION

Dale Herring, Talpa, showed this Southdown lamb to the championship of the Coleman County Livestock Show, January 15-16, winning the Dr. J. Ray Martin trophy.

AREA SHOWS

(Continued from page 7)

More than 100 fat lambs were shown to some 450 spectators. Nelson Johnson was auctioneer for the 18 lambs which were placed on sale. The show and sale were held January 13.

Results of the sheep show were:

Pen of three fine wool lambs, Graham Childress, 1st; Early Chandler, Jr., 2nd; Jimmy McMullan, 3rd; and Graham Childress, 4th.

Pen of three crossbred lambs, Bill Schneemann, 1st; Charles Garletz, 2nd; Early Chandler, Jr., 3rd; and Jimmy McMullan, 4th.

Single crossbred lambs, Jimmy McMullan, 1st; Charles Garletz, 2nd; Bill Schneemann, 3rd and 4th.

Single fine wool class, Graham Childress, 1st and 2nd; Early Chandler, 3rd, 4th and 5th.

FOURTEENTH ANNUAL MITCHELL SHOW HELD

THE 14th ANNUAL Mitchell County 4-H and FFA Livestock Show was held January 22 in Colorado City.

Mike Dorn, son of Mr. and Mrs. Landon Dorn, won first places in the Southdown, Southdown Crossbred and first and fourth class sheep divisions.

Billy and David Bridgeford were awarded firsts in the Group of Three and Milkfed Lamb divisions.

Stanley Anderson of the Texas Tech Agriculture Department was judge of the show. Bob Post and Sterling Lindsey, vocational agriculture teachers, worked with the FFA. Joe Cowan is county agent.

Top results of the sheep show follow:

Southdown or Shropshire, Class I — Mike Dorn, first; Bridgeford Brothers, second and third.

Crossbred or Mutton Lambs — Arvil Lindley, first; David Bridgeford, second; Arvil Lindley, third.

Southdown Crossbred, Class 4 — Mike Dorn, first; Arvil Lindley, second; Lowell Richardson, third.

Sheep, Class I — Mike Dorn

Sheep, Class II — Arvil Lindley

Sheep, Class III — Hubert Bassinger

Sheep, Class IX — Mike Dorn

Group of Three, Class VI: Bridgeford Bros., first; Mike Dorn, second; Arvil Lindley, third.

FOR FEBRUARY, 1951

BANDERA LIVESTOCK SHOW TERMED BEST IN HISTORY

THE BANDERA Junior Livestock Show was held January 13 in Mansfield Park.

Largest lamb sale made at the auction was a 166-pound lamb owned by Allie Dorrine Allsup which sold for \$1.00 a pound. Average sale on lambs was 52 cents a pound.

Judges for the show included V. D. Thompson, Extension Beef Cattle Specialist of A. and M. College; C. B. Gaston, County Agent of Medina County and Arthur Davis of Con Can.

D. W. Hicks served as general superintendent of the show. Division superintendents were Tom Carpenter, Maurice Harrell, Rhea Mansfield and Taylor Wooton.

Top sheep and goat show winners are listed below:

FAT LAMBS

Delaine Fat Lambs — Margie Moseley, first; Richard Thallman, second; Calvin Allen, third.
Rambouillet Fat Lambs — Travis Langford, first; Howard Bausch, second; Bob Lumpkins, third.

Champion Fine Wool Fat Lamb — Margie Moseley.

Reserve Champion Fine Wool Fat Lamb — Travis Langford.

Delaine Fat Lambs, Group of Three — Richard Thallman, first; Margie Moseley, second; Linda Moseley, third.

Champion Fine Wool Fat Lambs, Group of Three — Harold Bausch.

Reserve Champion Fine Wool Fat Lambs, Group of Three — Richard Thallman.

Corriedale Fat Lambs — Jimmy Klick, first and second; Ray Evans, third and fourth.

Medium Wool Fat Lambs — Jimmy Kutzler, first and second; Teddy Hinds, third.

Southdown Fine Wool Crossbred Fat Lambs — Truett Mayfield.

Southdown Fat Lambs — Barbara Whitehead, first; Russell Koonitz, second.

Champion Mutton Type Fat Lamb — Barbara Whitehead.

Reserve Champion Mutton Type Fat Lamb — Jimmy Kutzler.

Grand Champion Fat Lamb — Barbara Whitehead.

Reserve Grand Champion Fat Lamb — Jimmy Kutzler.

Corriedale Fat Lambs, Group of Three — Jimmy Kutzler, first; Ted Hinds, second; Richard Thallman, third.

Medium Wool Fat Lambs, Group of Three — Jimmy Kutzler, first; Ted Hinds, second; Richard Thallman, third.

Medium Wool Fat Lambs, Group of Three — Jimmy Kutzler, first; Ted Hinds, second; Richard Thallman, third.

Champion Mutton Type Fat Lambs, Group of Three — Jimmy Kutzler.

Reserve Champion Mutton Type Fat Lambs, Group of Three — Ted Hinds.

Grand Champion Fat Lambs, Group of Three — Jimmy Kutzler.

Reserve Grand Champion Fat Lambs, Group of Three — Teddy Hinds.

SHEEP

Delaine Rams — John Milton Langford, first; Buddy Evans, second; Robert Thallman, third and fourth.

Delaine Ewes — Buddy Evans, first; second and third.

Suffolk Rams — Richard Thallman.

Southdown Rams — Cecil Strurgeon, first.

Commercial Ewes, Delaine, Group of Three — Donnie Risinger, first; Jimmy Cottingham, second.

Commercial Ewes, Rambouillet, Group of Three — Travis Langford, first.

Commercial Ewes, Corriedale Cross, Group of Three —



CLERKS HARD AT WORK

Seated at the table are shown two of the hardest working members of the Hill Country District Show held at Kerrville January 18 to 20. Hatless is Dr. R. D. Radeleff, Veterinarian in charge of the Bureau of Animal Husbandry station at Kerrville. On his left is ranchman A. Mc D. Gilliat who claimed that his job was "General Flunky" which is a promotion from "Captain Flunky" earned from his hard work in the show last year. In the foreground is shown booster Mildred Alice Lynch, daughter of Ray Lynch with the Production and Marketing Association at Kerrville.

of Three — H. Lee Risinger, first; John Henry Balto, second; Raymond Balto, third.

Champion Commercial Ewes, Group of Three — Travis Langford.

Reserve Champion Commercial Ewes, Group of Three — Donnie Risinger.

GOATS

Buck Kids, B Type — Buddy Evans, first.

Bob Padgett, second; Russell Koonitz, third.

Champion Buck Kid, B Type — Bob Padgett.

Reserve Champion Buck Kid, B Type — Buddy Evans.

Buck Kids, C Type — Bob Padgett, first and second; Richard Thallman, third.

Doe Kids, C Type — Russell Koonitz, first.

Richard Thallman, second and third.

Yearling Does, C Type — Bob Padgett, first and second; Russell Koonitz, third.

Aged Does, C Type — Richard Thallman, first; Russell Koonitz, second; Richard Thallman, third.

Champion Doe, C Type — Bob Padgett.

Reserve Champion Doe, C Type — Russell Koonitz, Jr.

Doe Kids, B Type — Buddy Evans, first and second; Russell Koonitz, third.

Yearling Does, B Type — Bob Padgett, first; Russell Koonitz, second.

Aged Does, B Type — Russell Koonitz, first; Bob Padgett, second.

Champion Doe, B Type — Buddy Evans.

Reserve Champion Doe, B Type — Buddy Evans.

Grand Champion of Goats — Buddy Evans.

(Continued on page 10)



JENKINS SHOWS CHAMPION ANGORA GOAT

Albert "Buddy" Jenkins, FFA boy, Rocksprings, son of F. J. Jenkins, ranchman, exhibited the champion "B" type Angora buck and the champion Angora of the Hill Country District Show January 19. Young Jenkins has about 15 head of registered Angora goats and the champion was his own breeding.



NOELKE - OWENS EXHIBITS FIRST PLACE FLOCK AT PECOS COUNTY SHOW

The first place award for the best exhibitor's flock in the show January 15 at Ft. Stockton in the men's class was won by the Noelke-Owens partnership of Sheffield. This flock will be shown in the major shows this year.

AREA SHOWS

(Continued from page 9)

PECOS COUNTY SHOW HELD JANUARY 15 - 16

THE PECOS County Livestock Show continued its rapid growth this year by occupying three buildings at Gibbs Field in Fort Stockton for exhibits.

Prize sheep this year were determined through hard competition. Malone (Dippy) Mitchell, Jr., was winner of the grand champion fat lamb award. Jim Robbins had the top crossbred. Neal Griffith showed the champion fine-wool lamb and John Brown, the best clipped lamb. Kenneth Hodges of Iraan had the champion Rambouillet breeding ewe, and Harry Holmes of Sheffield showed the champion Rambouillet ram. Johnny Vestel, packer lamb buyer of Fort Worth, was judge of the lamb classes.

Men's Show

Johnny Bryan of the Trans-Pecos Suffolk Ranch made a clean sweep of all classes in the Suffolk division. The Corriedales of Noelke and Owens, Sheffield, also captured their classes. In the Rambouillet breeding show, honors were widely divided with Noelke and Owens showing the champion ram, Rod Richardson the champion ewe, and Leo Richardson, Miles Pierce and Vic Pierce showing winners in other groups. J. H. Sims of

Miles was judge of the men's sheep show.

Top sheep show results follow:

Junior registered sheep — Harry Holmes, Sheffield, champion and first place winner.

Ewe lambs — Kenneth Hodges, Sheffield, champion and first; Johnny Hodges, second. Ram Lamb class (adult breeders classes) — Noelke-Owens, Sheffield, first and second; Miles Pierce, Alpine, third.

Two-tooth lambs — Noelke-Owens first and third; Leo Richardson, second; V. I. Pierce Ozona, third.

The champion ram and reserve champion were exhibited by Noelke and Owens.

Ewe Lambs — Noelke and Owens, first and second; Miles Pierce, third.

Two-tooth ewe — Rod Richardson, first; Miles Pierce, second; Noelke-Owens, third. Aged ewe — Miles Pierce and Leo Richardson, tie for first; Noelke-Owens, second and third.

Champion ewe was shown by Rod Richardson and reserve champion by Miles Pierce.

Get of sire — Noelke-Owens, first; Leo Richardson, second; Miles Pierce, third.

Exhibitor's flock — Noelke-Owens, first; Miles Pierce, second; Leo Richardson, third.

Lamb flock — Miles Pierce, first.

STEWARDSON LAMB WINS SAN SABA SHOW

CHAMPION AND reserve champion lamb at the San Saba Fat Stock Show were won by J. L. Stewardson, January 11. Top lamb in the sale was owned by Emmett Peavy, Jr. Price was 51 cents per pound. Second high lamb in the sale was owned by James Kuykendall. Price was 47.5.

Fifty lamb were entered in the show. Sheep judging results follow:

Champion Lamb — J. L. Stewardson.

Reserve champion lamb — J. L. Stewardson.

Fat lambs, fine wool — first, J. L. Stewardson; second, B. T. Van Cleave.

Crossbreds, all breeds — first, J. L. Stewardson; second, Gene Benton.

Medium Wool — first, J. L. Stewardson.

Pen of 3 Crossbred lambs — first, Gene Benton; second, Jolene Randolph.

SAN ANGELO FAT STOCK SHOW

March 1 to 3, Incl., 1951

Fat Stock Show Grounds
San Angelo, Texas

CHAMPION LIVESTOCK ON EXHIBITION

Hereford, Angus, Brahman Cattle

Rambouillet, Delaine, Corriedale, Suffolk
Hampshire, Southdown, Shropshire Sheep

Fat Steers — Fat Lambs — Fat Pigs

Competing for \$6,826 in Premiums

FREDERICKSBURG SHOW DRAWS 575 ENTRIES

A RECORD for the Fredericksburg livestock show was set this year on entry numbers, which totaled 575.

The show was one of the best in history with 160 lambs, which sold at sale with an average price of 45 cents a pound.

Lem Jones of Harper was auctioneer for the sale. None of the top animals were sold as they will be entered in some of the state's major shows in the next few weeks.

Events were managed by County Agent C. A. Stone and Joe Tatum, FFA instructor. The Fredericksburg Chamber of Commerce sponsors the show.

Thomas and Robert Pape took both the grand championship and reserve championship awards for fat lambs at the 19th annual Gillespie County 4-H and FFA Stock Show. The brothers are sons of W. O. Pape of Tivydale Community.

Robert Pape, who graduated from Fredericksburg High School last year is now in a Navy trainee station. Last year he received the world's record price for a fat lamb. It was a Southdown and sold at the San Antonio Livestock Exposition for \$3,100.

Other top lamb awards included:

Fine wool fat lambs, pen of three — first, Dayton Ransleben; second, Harvey Ellegrach; third, Reinhold Sagebiel.

Corriedale and Corriedale cross singles — first, Willard Dearing; second, Victor Meir; third, Levi Ellebracht.

Corriedale and Corriedale cross, pens of three — first, Levi Ellebracht; second, Dearing brothers; third, Dearing sister.

Southdown fat lambs, singles — first, Robert and Thomas Pape in all three positions as well as all three winners in pens of three for the class.

Southdown and fine wool cross — first, Franklin Doebble; second, Daniel Crenwelge; third, Wilbert Ransleben.

Medium wool fat lambs, light singles — first, Dayton Ransleben; second, Victor Heilmann; third, Calvin and Charles Schumann.

Medium wool fat lambs, pens of three — first, Elroy Ransleben; second, Carolyn Behrends; third, Leroy Behrends.

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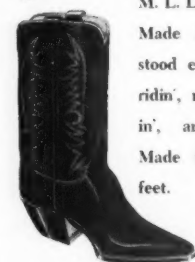
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Angora Goats

Oliver Welgehausen of Crahapple, son of Alvin Welgehausen, took all the Angora goat honors. He exhibited the grand champion buck and doe as well as the top prize winners in both "B" and "C" type mohair, and the "B" and "C" type doe kids and yearling does.

DALE HERRING LAMB TOPS COLEMAN SHOW

DALE HERRING, 19-year-old Talpa Delaine Breeder, brought his champion of the Talpa show to Coleman to take the highest county honors at the annual livestock show, January 16-16.

The sheep was a Southdown, which Dale will enter in the Fort Worth show.

Reserve champion was another Southdown, shown by Sharon Garrett, 10-year-old 4-H Club girl.

Biggest class, that of Suffolk crosses, contained 95 entries.

Top sheep show results are as follows:

Rambouillet ewe lambs, first, Allen Turner, Voss FFA; second, David Pate, Voss 4-H; third, Turner.

Rambouillet ram lambs: first, Turner; second, Sammy Pate, Voss FFA; third, David Pate.

Rambouillet get of sire: first, David Pate, Delaine ewe lambs: first, second and third, Dale Herring, Talpa FFA.

Delaine two-tooth lambs: first, second and third, Joe Allcorn, Talpa FFA.

Delaine four-to-six-tooth ewes: first, Herring; second, Rex Bomar; third, Herring.

Delaine ram lambs: first, Allcorn; second, Herring; third, Bomar.

Delaine four-to-six-tooth rams: first, Herring; second, Allcorn.

Delaine pen-of-three ram lambs: first, Herring; second, Bomar.

Delaine get of sire: first, Herring; second, Allcorn; third, Bomar.

Delaine exhibitors' flocks: first, Herring.

Corriedale ewe lambs: first, second and third, Wilfred Shultz, Rockwood FFA.

Pen-of-three ewe lambs: first, Shultz.

Corriedale ram lambs: first, Shultz.

Southdown ram lambs: first, Wendell Franke, Talpa FFA; second, Harold W. McClure, Talpa FFA; third, Franke.

Southdown two-tooth rams: first, Bobby Zirkel, Coleman FFA.

Southdown ewe lambs: first, Hosch, second and third, Ronald Gray of Crosscut 4-H.

Pen of three Southdown ewe lambs: first, Gray.

Southdown four-to-six tooth ewe: first and second, Charles Grohman of Novice FFA; third, Gray.

Hampshire two-tooth ewes: first, second and third, James D. Vercher, Goldbusk FFA.

Hampshire four-to-six tooth ewes: first, second and third, Vercher.

Hampshire four-to-six-tooth rams: first, Vercher.

Hampshire ewe lambs: Vercher.

Suffolk ram lambs: first, Jimmie Bomar, Talpa FFA.

Suffolk four-to-six-tooth ewes: first and second, Bomar.

Suffolk ewe lambs: first, Bomar.

Champion Rambouillet ewe: Allen Turner. Reserve, David Pate.

Champion Rambouillet ram: Turner. Reserve, Sammy Pate.

Champion Delaine ewe: Dale Herring. Reserve, Joe Allcorn.

Champion Delaine ram: Allcorn.

Champion Southdown ewe: Charles Hosch.

Champion Southdown ram: Bobby Zirkel; reserve, Wendell Franke.

Champion and reserve champion Hampshire ewes: James D. Vercher.

Champion Hampshire ram: Vercher.

Champion and reserve champion Southdown rams and ewes: Jimmie Bomar.

Fat Lambs

Fine wool fat lambs: first, Billy Ray Weather, Santa Anna FFA; second, Harold W. McClure, Talpa FFA; third, Leonard Nicholson, Novice FFA.

Crossbred Corriedale-fine wool fat lambs: first and second, Clara Jean Stewardson, Santa Anna FFA; third, Donald Hosch, Santa Anna FFA.

Medium wool fat lamb: first, Dale Herring of Talpa FFA; second, Sharon Garrett, Santa Anna 4-H; third, Scott Edington, Burket 4-H.

Pen-of-three Corriedale-fine wool crossbred lambs: first, Donald Hosch; second, Clara Jean Stewardson; third, Dennis Farmer.

Pen-of-three medium wool lambs: first, Dale Herring; second, Billy Ray Weathers; third, Joe Allcorn.

Pen-of-three Southdown-fine wool crossbred fat lambs: first, Dale Herring; second, Burgess Stewardson; third, Donnie Oakes.

Pen-of-three crossbred fine wool lambs: first, Sue Gray; second, Garland Schrader; third, Don White.

San Angelo Plans for Best Livestock Show

By Ray Bostick

LIVESTOCK entries in the 1951 San Angelo Fat Stock Show, scheduled March 1 through 3, are being received by the hundreds at the stock show office. Deadline for entries is February 1, 1951.

This announcement was made by H. E. McCulloch, general chairman, who is predicting one of the best shows since the San Angelo show began eighteen years ago.

Sixty-eight hundred and 26 dollars is being offered in premiums in the various show divisions. Premiums offered in the Boys' Show Division include: Boys' Steer Show, \$990; Boys' Breeding Sheep Show, \$244; Boys' Fat Lamb Show, \$1,015; Boys' Fat Pig Show, \$177; and Boys' Neatness Awards, \$45.

In the Men's division, the following premiums will be given: Breeding Sheep, \$1,469; Hereford Cattle, \$1,464; Aberdeen-Angus Cattle, \$828; Brahman Cattle, \$495; and Swine Show, \$100.

As an added feature of show, a livestock judging contest will be held for junior colleges. Deadline for entering judging teams in this contest is February 15.

The following associations are contributing cash awards for the showing of their respective breeds: American Hereford Association, \$393; American Aberdeen-Angus Association, \$183; American Brahman Breeders Association, \$99; American Rambouillet Association, \$100; and Texas Corriedale Association, \$25.

Committeemen and superintendents for the show divisions are: Boys' Show Committee: Fred Ball, chairman, H. M. Carter, X. B. Cox, Jr., M. B. Inman, Jr., Joe Lemley, Jimmie McManus, Hubert Moon, R. O. Sheffield, and Ernest Williams.

Men's Show Committee: H. C. Noelke, Jr., Chairman, Herman Allen, Reginald Atkinson, Tommy Brook, J. P. Crews, Jr., Edward Cumbie, O. J. Flowers, George H. Johanson, Henry Moore, Leo Richardson, Marvin Simpson, Jack B. Taylor, and Jack V. Williams.

Boys' Sale Committee: George C. Riggan, Chairman, Marion Balch, Pat Bunnell, Vincent Childers, Loy Gandy, Billie Hanks, Ted Harris, Phil Lane, W. C. McManus, Maurice Nixon, A. D. Rust, E. H. Schuch, and Otis Stewart.

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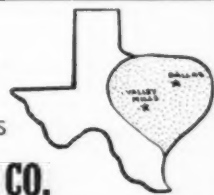
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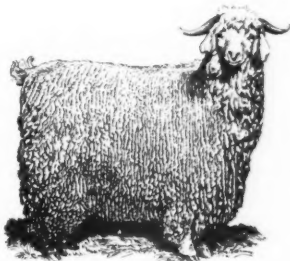
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There are 6 dosage forms of SULMET Sulfamethazine: POWDER, TABLETS, OBLETS*, TINTED EMULSION (for pink eye bacterial infections), SOLUTION 12.5% (may be used as a drench) and INJECTABLE SOLUTION available on the prescription of a veterinarian. The 9 Gram OBLET is designed for use in sheep and goats. Read carefully the circular enclosed in the package for *best results* in the use of this product.

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IT PAYS -

Reseeding Grass on Prepared Land

By Olen L. Fenner
Soil Conservation Service
San Angelo, Texas

IN EARLY 1949 a 40-acre area was fenced off from a 240-acre pasture on the Morgan ranch near San Angelo.

For many years this portion of the ranch had been under heavy grazing and trampling. Less than 25 per cent of the remaining vegetation was of desirable kinds. The soil was in a badly depleted condition. The numerous bare spots were packed and surface crusting was severe. There was almost no surface litter.

It was a good spot for something the Soil Conservation Service men

This mixture of King Ranch blue-stem, Lehmann and weeping lovegrass and sideoats grama thrived in the pitted area. Rainfall penetrated deeper in pitted and grassed areas than in chisled and grassed areas.

had in mind. They wanted to see whether "pitting" would help.

To create a more favorable condition for young grass plants, Soil Conservation Service technical men assigned to the Concho Soil Conservation District arranged for two kinds of mechanical treatment on the area. Equal width bands were pitted along the contour of the land. Alternate bands were chiseled. Check strips where no mechanical work was done were left at varying intervals over the plot.

Lehmann lovegrass, sideoats grama, King Ranch bluestem and weeping lovegrass plantings then were made on parts of the treated and untreated bands. The grasses were planted in pure stands and mixture strips. Some bands were treated but not planted and some were planted where no treatment existed.

The pitting was done with a four-disc breaking plow from which alternate discs were removed. The two discs left on the plow were offset two inches from center, then set opposite on the shaft.

The chiseling was with two points, which were run at a depth of five to eight inches on two-foot centers. All tools used were standard farm equipment.

The grass planting, on March 24, 1949, was accomplished with a grass seeding drill which placed the seed one-half inch deep in rows two feet apart.

More than seven inches of rain fell during April and May, 1949. Seed heads appeared on the Lehmann lovegrass on June 9. Six days later, a few seed heads were appearing on the weeping lovegrass and sideoats grama. By June 30 the Lehmann lovegrass was in full seed head and the KR bluestem was progressing satisfactorily in rosettes three to four inches wide.

More important, though, were the differences noted at this time in the treatment areas. Grasses in the pitted areas were faring considerably better than those where chiseling was done. The no-treatment areas lagged behind both.

By July 12, vegetation on the no-treatment areas had a sickly appearance and was only one-tenth the size of the plants on the treated areas.

By August the differences between the chiseled and the notreatment areas were becoming less evident.

Boundary line separates pitted and planted area at left from strip at right which was pitted but not planted. This picture was made seven months after planting of grass seed in area at left.





This pasture south of San Angelo was pitted for a Soil Conservation Service field trial. Introduced grass seed was planted March 24, 1949. By June 9, seed heads had appeared on Lehmann lovegrass. Six days later, there were seed heads on weeping lovegrass and sideoats grama.



The pitting-planting combination, which proved a valuable aid in soaking up rainfall, revitalized the depleted range land, gave new life to existing vegetation.

— USDA SOIL CONSERVATION SERVICE

Yet the appearance of the pitted areas had continued to improve noticeably.

Periodic moisture penetration tests were conducted on the different areas. One of these, which followed a three-inch rain in September, 1950, showed that rain in the pitted areas had soaked in as deep as 18 inches. Penetration on bare, untreated areas averaged only two inches, and on chiseled areas, three inches.

The September observation also revealed that penetration in the pitted areas varied considerably within the pitted grass plots. In a dense stand of Lehmann lovegrass, moisture went 18 inches deep. Penetration in a sparse stand of sideoats grama, however, was only eight inches.

The penetration differences in the pitted areas may have been due more to the amount than to the kind of cover. Recent field studies by Ben Osborn of the Soil Conservation Service on the value of cover in preventing raindrop splash and water runoff

indicate that the amount of cover is far more important than the kind of material making up the cover. His findings also show that the same amounts of cover, by weight, give greater protection in forms which more thoroughly cover the ground surface.

The trial area was cross-fenced and two cows with calves were placed on the south 21 acres on June 1, 1950. At that time the cows weighed an average of 750 pounds each. They came out Nov. 1 averaging 955 pounds. The calves went in weighing 135 pounds each and came out at 390 pounds each — an average daily gain of 1.7 pounds from June 1 to Nov. 1.

On the untreated area of the ranch, calf weights on Nov. 1 averaged 275 pounds—some 115 pounds per calf less than the average weight of those which spent the summer on the treated and properly managed area.

(Continued on page 14)

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Production Credit Associations Report Successful Year

MOST TEXAS farmers and ranchers had a very prosperous year in 1950, according to Virgil P. Lee, President of the Production Credit Corporation of Houston, which supervises production credit associations making crop and livestock production loans all over the state. The exceptions are in the Panhandle where there was a short wheat crop, and in the Corpus Christi and Northeast Texas areas where the cotton crop was almost a complete failure.

Lee says the loan figures for the 36 production credit associations reflect the higher cost of production as well as the higher returns from the sale of livestock and crops in 1950. Total loans made during the year were \$137,207,000 in 1950 as compared with \$118,995,000 in 1949, an increase of 15.40 per cent. The number of loans made was 11.53 per cent higher than in 1949.

Likewise, cash collections were well ahead of 1949. Liquidation was especially good from cattle, sheep, wool, rice, and from cotton where a good crop was made. Total cash collected by the 36 associations was \$106,286,000 as compared with \$97,790,000 in 1949, an 8.69 per cent increase. Naturally, carry-overs were heaviest in Northeast Texas, the Corpus Christi country, and the Panhandle where crops were short from too little or too much rain.

The production credit associations in Texas have just wound up their first year operating wholly on their own without benefit of any government capital, which was all paid back at the end of 1949. Lee states that the associations have had a very successful year, having increased their capital stock from \$9,274,505 to \$10,077,470 and their surplus and reserve funds from \$6,003,228 to \$6,907,084. Of the 36 headquarters offices and

90 field offices of the production credit associations in Texas, 21 of the buildings are now owned by the associations, 7 having been constructed during 1950. Five more are now under construction.

JAMES STEWART BUYS GILLESPIE RANCH

THE LARGEST real estate transaction ever consummated in the history of Gillespie County was made recently when James Stewart, movie actor, purchased the 10,000-acre Franklin Ranch.

Stewart is the grantee in a grass, oil and gas lease covering a period of 3 years and F. Kirk Johnson, prominent Texas oilman and owner of Central Airlines is the grantee in a purchase option filed for record. Consideration was for \$360,000.

Mr. and Mrs. John S. W. Gair of East London, South Africa are the owners of the ranch and the grantors in the legal documents.

The land is located 12 miles southwest of Blanco on the Luckenbach road, and lies in Blanco, Kendall and Gillespie counties. The Blanco River traverses the ranch. Adolf Stieler of Comfort has had a grass lease on the ranch for the past 15 years.

Stewart was expected to arrive in the Hill Country the last of January to inspect his purchase. A Texas ranchman is reported to be taking the management of the ranch for Mr. Stewart.

OFFICERS RE-ELECTED BY RANCHERS'

All the officers and directors of the Ranchers' Wool and Mohair Association in Fort Stockton were re-elected at a meeting January 12.

The annual dinner meeting was held at the Hotel Stockton and some 50 stockholders attended.

Henry Neal is president; Hamp Carter, vice-president; Ollie Parker, Wren Jackson, J. Pearl Rankin, Del Currie, Lloyd White, J. Birney Ligon and Marsh Lea, directors.

The Association operates wool and mohair warehouses in Fort Stockton and Rankin.

GREEN NAMED AGENT IN VAL VERDE COUNTY

GLEN W. GREEN, formerly with Soil Conservation Service units in El Dorado and Sonora, was named Val Verde County agent to replace H. W. (Pete) Monzingo. Monzingo resigned effective January 1 to join Jimmy Mills of Del Rio in the feeder lamb business.

Green's appointment was confirmed January 8. He was graduated from Texas A. and M. in January 1950. An Air Force veteran, Green served four years in the Pacific theatre.

His mother, Mrs. Tom Green, lives in Sonora.

RESEEDING

(Continued from page 13)

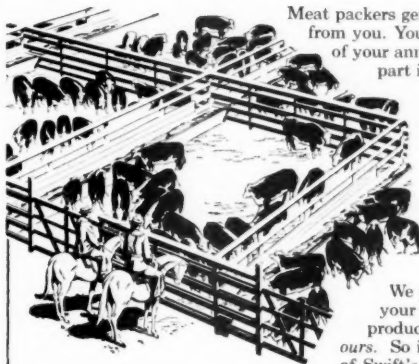
W. M. Nixon, Soil Conservation Service regional agronomist, has seen other SCS pitting field trials in the south and southwest sections of Texas. From these, he has observed that in almost every instance good results were obtained from seeding pitted areas. Frequent seeding failures occurred in non-pitted areas.

Because more soil conservation districts are acquiring pitting equipment and because ranchers are becoming more familiar with the merits of the practice, pitting probably will be more widely used in the future as a conservation tool.

Good range management, however, remains of primary importance no matter what methods are used to re-establish desirable forage and soil improvement plants on the land.

FROM *Swift* TO *America's ranchers and farmers...*

In 1950 Swift paid \$1,704,489,374 for livestock and other agricultural products



Meat packers get most of the raw material for their business from you. You get from meat packers approximately half of your annual income. Together, we play an important part in feeding America. As one factor in the livestock-meat industry, Swift shares in that vital task. On this page is a record of what we did during 1950. The figures at the right show a quick over-all picture. The figures below explain in greater detail.

77¢ out of the average sales dollar paid to producers

We provide a dependable year-round market for your livestock, dairy products, poultry, etc. These products of your business are the raw materials of ours. So it's only natural that by far the largest part of Swift's "sales dollar" is paid to you farmers and ranchers.

The pictures and words below tell what the rest of that "sales dollar" goes for

11 1/10¢ to Employees

It takes skilled people to process your livestock and other raw agricultural products into Swift's quality foods. In 1950 Swift's 76,000 employees earned \$245,238,539 in wages and salaries, or an average of 11 1/10 cents out of each dollar of Swift sales.



1¢ for Taxes

In addition to federal taxes, Swift & Company paid taxes during 1950 in all states and in many municipalities. Our total tax bill was \$21,101,712. This averaged 1 cent out of each dollar Swift received for the products it sold.



4 5/10¢ for Supplies



Last year, out of each dollar of sales, Swift & Company spent an average of 4 5/10 cents, or a total of \$100,476,643 on supplies of all kinds—mountains of salt and sugar; trainloads of boxes, barrels, other containers; miles of twine; tons of paper; fuel, electricity, etc.

3 4/10¢ for Other Expenses



Among other necessary business costs are depreciation, interest, employee benefits, sales promotion, rent, research, insurance, development of new products, advertising, stationery, postage, telephone, telegraph, travel expenses, etc. These necessary expenses took an average of 3 4/10 cents of each sales dollar.

Quick Facts on Swift's Business in 1950

Total SALES of all Swift's products and by-products in 1950 added up to \$2,214,819,268
Swift paid for livestock and other agricultural products 1,704,489,374
Swift's total NET EARNINGS amounted to 16,142,586*

That is an average net earning per dollar of sales of 7/10 cent
Here's where the other 99 3/10 cents of that "sales dollar" went:
For livestock and other agricultural products 77 cents
For employees' wages and salaries 11 1/10 cents
For supplies 4 5/10 cents
For transportation (freight, trucking, etc.) 2 3/10 cents
For taxes 1 cent
For other necessary business expenses 3 4/10 cents
Total 100 cents

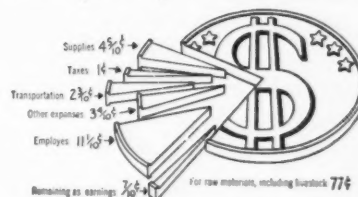
*This amounts to 2/10 of a cent per pound on all products handled.



3/10¢ as Earnings

After all those necessary expenditures, our 1950 net earnings were \$16,142,586. Our shareholders received \$13,917,161 of this in dividends. This is their return on the investments made by them and on the earnings from these investments which have been retained in the company to provide the plants and facilities—the tools needed to handle your products.

Here's a picture of Our 1950 Sales Dollar



Swift & Company's net earnings are small for the many essential services in the processing and marketing of the agricultural products you produce. Our earnings averaged a fraction of a cent a pound on the volume handled.

2 3/10¢ for Transportation

Swift's service helps bridge the 1,000-mile gap between producers of livestock and consumers of meat. To accomplish this necessary service, Swift's freight and trucking bill in 1950 was \$51,598,238. This is an average of 2 3/10¢ of each sales dollar for moving your products to consuming markets.



It is the pooled savings of many shareholders, and earnings plowed back into the business, that have built Swift & Company and made it possible to serve efficiently you producers of agricultural products. Among Swift shareholders you will find farmers, ranchers, lawyers, doctors, mechanics, business people—folks from every walk of life—including 38,575 women.

We hope your farm and ranch operations re-

sulted in favorable returns during 1950 and that the new year will even be better. A fair return to producers means better living and should result in a sound production program on farms and ranches. A fair return to people who are in business in cities and towns helps maintain purchasing power and markets for the products you and Swift have to sell.

Mr. B. V. Ryan

Vice President and Treasurer

Swift & Company UNION STOCK YARDS • CHICAGO 9, ILLINOIS
Nutrition is our business—and yours



Mesquite in open stands may be readily controlled at low cost by individual tree treatments with oils, 2,4,5-T or power grubbing.

It's Quite A Problem, This —

Control of Mesquite

By C. E. Fisher and D. W. Young

Superintendent and Agronomist, Texas Agricultural Experiment Station, Substation No. 7, and Assistant Agronomist, U.S.D.A. Bureau of Plant Industry, Spur, Texas.



Effective mechanical methods include (a) power grubbing with a "Stinger" attachment to uproot mesquite, (b) root cutter that severs roots of all plants 6 to 15 inches below ground level. These methods are effective but costly.



sprouting plants. Chemicals, oils, power machinery, even insects and diseases, were either tried or observed to see if they held any promise for control.

It was found that effective control was obtained when the methods used either destroyed or inhibited the dormant sprout buds on the underground stem. These buds occur from three to eight inches below ground level and will develop new sprout growth rapidly if the top growth is destroyed by fire, frost, or by mechanical or other means. Frequently the most undesirable growth forms are the result of repeated top kills by methods that failed to destroy the sprout buds.

These early stages of research work and observations by ranchmen and others soon made it evident that a method had to be developed that would be reasonably effective, not hazardous to livestock and desirable range plants, easily adapted to different growth forms on large areas and one low enough in cost to permit retreatment to control regrowth and seedlings.

Chemicals seemed to hold the most promise for the development of a new method, especially if an airplane could be used for making applications. Since 1941 a wide range of chemicals have been tested by various methods of application on many thousands of plants of different types and at various stages of growth throughout a greater portion of the mesquite area in Texas. In the aggregate, over 15,000 acres of mesquite have been treated experimentally through the excellent cooperation of ranchmen, chemical companies, P.M.A., airplane spraying companies and many others.

The following results comprise the latest information known for the control of mesquite.

Control of Thin Stands of Mesquite

Experiment has shown that individual tree treatment is well adapted to the control of widely scattered mesquite and for small odd areas where other methods of control are not feasible. Single to few-stemmed trees growing on open porous soils may be destroyed at relatively low cost by pouring one to two quarts of kerosene or diesel fuel around the base of the plants. Enough oil should be used to wet the bark thoroughly to the lowest bud on the underground stem. More oil is needed when the

Mesquite 5 months after treatment with 2/3 pound acid of a low volatile ester of 2,4,5-T in 1 gallon of diesel fuel and 3 gallons of water per acre. Note excellent weed control and uniform effect on mesquite. Airplane application was made during the heavy foliage stage 60 days after the first leaves appeared in the spring.

CONTROL OF mesquite on native grassland is one of the major problems of livestock raisers in Texas and the southwest because it handicaps the handling of livestock, often prevents the use of valuable range practices and usually reduces the carrying capacity of the grassland. In addition, the ever-spreading mesquite is a costly item in the maintenance of rights-of-way, of power lines, pipe lines and other utilities.

On extensive areas of range lands, the control of mesquite is extremely difficult since, for the most part, only limited expense may be incurred and because of the rapid reinfestation by seedlings and sprouts on cleared areas. Large numbers of viable seed that germinate over long periods of time are disseminated by grazing animals, coyotes, rabbits and rodents. Furthermore, different control methods must be used due to the great variation in (1) growth forms of mesquite ranging from dense thickets of many-stemmed brushy plants to open stands of large single-stemmed trees, (2) the size of the area to be cleared, (3) soil and climatic conditions, (4) the presence of other shrubs and (5) the hazards of the methods of control to livestock and crops.

Research work by the Texas Agricultural Experiment Station at Spur, in cooperation with the Bureau of Plant Industry and the Soil Conservation Service, has been underway since 1938 to find a cheaper and more effective method of controlling mesquite. Early studies consisted of learning the habits of mesquite and the best means of destroying the

soil is wet, when mesquite grows on more impervious soils and where the growth is bushy. Somewhat cheaper although less effective control may be obtained by spraying the lower 12 to 18 inches of the basal stems with a solution of 2,4,5-T ester diluted to contain 1 pound of acid in 10 gallons of kerosene or diesel fuel. The effectiveness of this treatment may be increased materially by removing the topwood and spraying the stumps and cut surfaces. The most effective season for treatment appears to be from June to October. This treatment should be used for controlling mesquite along rights-of-way and fence rows.

Other methods of treating individual trees include grubbing by and/or the use of power machinery. Contract grubbing is generally too costly. Costs may be reduced materially on thin, open stands of mesquite on large ranches where the land owner can afford to own and operate his equipment. Such machinery also may be used to build roads and tanks, and perform other operations. The chief objection to grubbing other than the high cost, is the rough surface it leaves, which invariably becomes heavily infested with undesirable weeds.

Control of Dense Stands of Mesquite

The most economical method of treating dense stands of mesquite is the swath or broadcast application. The most promising treatment for large areas, although it is still in the

(Continued on page 44)



(Top) Grassland before and after clearing many stemmed mesquite. Steer gains have been increased as much as 43 per cent by effective mesquite control.

(Bottom) Two years after grassland was cleared of mesquite, 2950 seedlings emerged per acre. Five years later 1250 seedlings survived under protection from grazing animals. A seedling mesquite occurs at the base of each stake.



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Export Office: 50 Church Street, New York City

Outdoor Notes

By Joe Austell Small

The Flying Pichaquate

THE PICAQUATE is a light, green snake that inhabits the wild Yaqui Indian country of Sonora, Mexico. The venomous reptile lives in trees and sails through the air like a flying squirrel. The little snake is not equipped with wings but flattens itself out like a ribbon before sailing from one tree to another. The reptile has a hook or fang on the end of its tail resembling the stinger of a scorpion.

Yaqui Indians, when traveling through that part of their country, carry a short stick with which to ward off the snake. The Indians travel single file along the narrow paths and when a snake is sighted sailing through the air, they pass the word down the line by shouting "Pichanquate."

Bubble Fish

Fish called Labyrinth Bubble-Nest Builders construct a floating nest of bubbles in which eggs, numbering from 100 to 500, are deposited, hatched, and the young tended.

"Lend Me Your Tail Feathers—"

Dr. Christian A. Wolf, internationally known physicist, a native of Denmark, states that experiments which he has made prove definitely that birds hear through their feathers, especially their tail feathers. While birds have regular ears, much of their acute sense of hearing, Dr. Wolf says, comes through the auditory aid of feathers.

Fur, Fur Away

The seal herd is doing well in that far outpost, the Pribilof Islands. At present this famous herd numbers over 3,155,200 animals.

The herd, which has a capital value well in excess of \$100,000,000, shows an average annual increase of 209,000 animals. When the Federal government took over direct management of the herd about thirty-five years ago, fewer than 120,000 animals remained following decades of slaughtering. It is believed that the herd at one time had consisted of upwards of 4,000,000 seals.

New Gun Book

The people who instituted the first time payment plan for the purchase of guns, cameras and allied equipment have come out with their new "Colonel Whelen's GUN CATALOG and Complete Handbook," authored by the famous Townsend Whelen himself and selling for only one buck. This is good news to shooters who have had to pay two dollars and up for any type of gun book lately.

This time payment plan is a lulu. As stated, Parker-Whelen originated it and the plan has made a terrific hit with sportsmen. You make an order, make a down payment and then pay it out monthly as you would anything else. Write the boys about this — they'll give you full information.

The catalog part is cram-jammed with guns, accessories, scopes, fishing tackle — doggone-nigh anything a sportsman could want, even clothing! All the well known rifles, shotguns and pistols are there and can be had on the time payment plan.

And of course the famous Townsend Whelen himself is there in full bloom with dope on shooting, marksmanship, scopes, rifles, shotguns — the whole field. And the price is just \$1. Write Parker-Whelen Co., Inc., 827-W, 14th St., N. W., Washington 5, D. C. for more dope.

Chestnut Dressing

For game birds — pheasant, duck, turkey, etc., this recipe for a dressing is hard to beat. Shell and skin 6 cups of chestnuts. Drop them into boiling salted water. Cook until soft. Put cooked chestnuts through potato ricer. Combine with: 1 cup melted butter, 2 teaspoons salt, ¼ teaspoon pepper, ½ cup cream, 2 cups dry bread in small pieces, 4 tablespoons chopped parsley, 1 cup chopped celery. Man — it's good!

Short Snorts

Wolves, or wolf pups, do not lap water like coyotes or dogs; they sup it as does a horse or cow.

The prong-horned antelope is not a true antelope. Unlike the true antelope, the prong-horn has branched horns and sheds the horn sheath.

Fawns, only a few hours or days old, have no body odor or scent — their only protection at that age against predators.

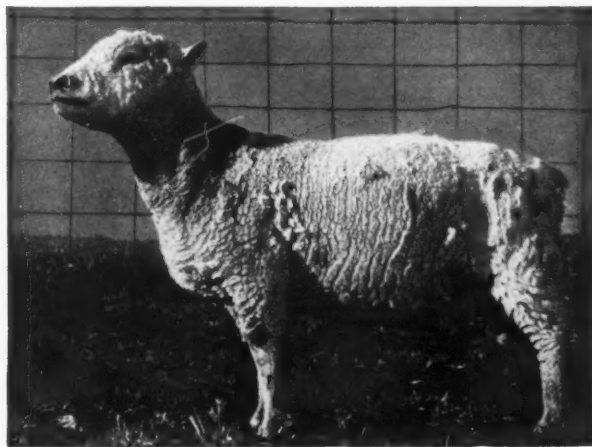
Down in Grove Hills, Alabama, a farmer decided one of his hens was nuts. He shoed her off a nest to find that she was setting on two dozen pecans.



It Pays Four Ways to Worm Your Sheep



1 You get better lambs, and more of them, from healthy ewes that are free of worms.



2 Better growth is the prompt result when unthrifty sheep like this one get rid of worms.



3 You save on feed and get full value of grain and grass when your sheep don't support worms.



4 You get better-grade wool from worm-free sheep; it's smoother and brings a higher price.

To expel worms outright, Phenothiazine may be administered as a drench or in capsules or boluses. Preventive treatment with Phenothiazine may also be carried on while animals are on pasture. Phenothiazine is the only drug that controls nodular worms, the worms that destroy the value of intestines for surgical purposes.

If you are not already using Phenothiazine, see your

local supplier for worm removers made with this drug. It kills more kinds of worms in more kinds of animals than any other known remedy. Use Phenothiazine remedies—use enough—use them right.

FOR FURTHER INFORMATION about Phenothiazine, address the Du Pont Company, Grasselli Chemicals Department, Wilmington 98, Delaware.



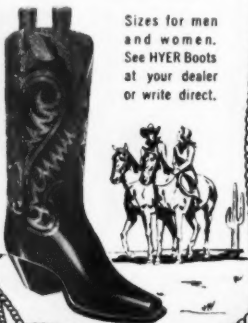
Phenothiazine

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Wool and Mohair Market Report

By Sheep and Goat Raiser Boston Bureau

WOOL MERCHANTS and buying brokers were of the opinion when the Colonial wool markets reopened following the holidays that price control for wool had been side tracked for the immediate future or until there are further evidences of inflation. The new prices established at the first sale in Sydney demonstrated immediately that wool was a vital commodity in the equipment of armed forces in the present situation and also that price was not the most important factor in the procurement of supplies.

The importance of a wool stockpile was brought to the attention of producers, distributors and manufacturers alike as far back as mid-year, 1950, but this was without results. Again later in the season wool interests of experience dating back to World War I emphasized the need for acquiring a backlog of wool, and we understand on good authority that the question was followed through to Washington agencies, but again there was very little interest demonstrated. It appeared in some instances that those charged with acquiring supplies had passed up the scheme entirely. Wools owned by the Commodity Credit Corporation purchased under the Marketing Program established during World War II were put on the market and liquidated when the entire holdings could easily have formed the basis of a stockpile.

Prices for all kinds and classes of domestic wools reacted toward higher levels as soon as it became evident that Washington agencies were

uncertain about the stockpile phase. An outstanding feature of the market has been the fact that domestic original bag grease wools, and the same applies to graded, skyrocketed in price as soon as it was known pre-emptive buying could not be adopted in building up supplies by means of purchases in the markets abroad. There was no uncertainty about co-operation in our defense program by allied nations, but the same countries failed to see their way clear in approving pre-emptive buying by the United States at the auctions abroad. As matters stand wools are being accumulated with a minimum of publicity by the wool trade of the East. The Boston Wool Trade is staffed by some of the best minds in the industry today, and these men are giving freely of their time and effort to assist in the defense program.

Government Purchase of Wool

It was about mid-October when the army asked the Commodity Credit Corporation to buy 30,000,000 pounds of raw wool, clean content, to meet a part of the emergency reserve requirements of all the armed services. The army said this is the first step implementing the authorization given by Congress to purchase 100,000,000 pounds of raw wool, woolen garments, fabrics and knitting yarns for the armed forces. The CCC was asked to buy the wool in an orderly fashion through ordinary commercial channels to avoid disrupting the market. The army also stated it expected that the balance of the pur-

chase will be largely in the form of woolen cloth.

On October 27th the Boston Wool Trade Association was represented at a meeting in Washington on the Government Wool Procurement Program by Harold A. Bishop, President, Ralph K. Keltie, Vice-president and Malcom Green, Chairman Public Relations Committee. Mr. Hugh Munro, President of the National Wool Trade Association and Mr. Clyde Moore, vice-president were selected by that organization to attend the meeting.

On January 9th, the Navy sets its tentative fabric requirement at 16,000,000 yards under the recently announced 100,000,000 pound wool reserve program. The requirements included:

| | Ounce | Yards |
|-----------------------|-----------|-------|
| Dark Blue Jersey, 30 | 3,500,000 | |
| Dark Blue Melton, 16 | 5,500,000 | |
| Dark Blue Flannel, 11 | 6,000,000 | |
| Dark Blue Serge, | 1,000,000 | |

This is a detailed explanation of a portion of the 100,000,000 pound reserve program heretofore published.

Domestic Wool Market

Contracting in advance of shearing of the 1951 clip of wools in this country started off with a bang and proceeded to establish new high prices for the fiber months in advance of the time it would come off the sheep's backs. The first purchases were made in late 1950 well in line with the spot market in Boston, but this tendency did not last for long. As soon as wool merchants and brokers visualized the possibilities of a war with almost no wool owned by the government a policy was adopted of getting or taking over on paper as much as possible of the new clip. Prices moved from 40c to 50c FOB shipping point in some sections and others paid still higher for desirable clips. Almost over night buyers representing Eastern wool houses were paying 75c and higher for average fine territory wools from the Northwest, and this price was pyramided until \$1.00 was established as the

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market for average halfblood and finer types.

As we go to press Texas 8-months' wools in the grease have been sold freely at \$1.25 and a few 12-months' clips at prices a nickle higher. The situation in the Northwest has been very similar in that buyers paid \$1.00 and on up to \$1.10 for pre-shearing contracts in Wyoming, Utah, Montana and nearby territories.

Day to day trading on the Summer St. Wool market has continued to support the price structure established in forward buying operations. This is not hard to understand when it is known that supplies of both woolen and worsted wools were held in very limited quantities. Extreme high prices for domestic wools resulted in a limited research to determine the highest price paid over a period of years. It appears that merino wools were sold in 1810 at \$2.00 greasy which means that the wools of our own production are still a long way below that level.

Speculation in trade circles has been a dead issue for some weeks as prices were considered too high for trading with even a fair degree of safety. Manufacturers and topmakers have continued buying on order but do not add to their inventories in volume. The price of fine top registered a new high figure early in the month with local concerns selling the commodity made from territory wool straight 64s in grade at \$4.25. This development forced the price of worsted yarns to an extreme high point with standard white knotting yarns in oil. Bradford system, pegged at \$5.25.



"George Washington slept in this room."

Requests for bids on wool items by Procurement Officers of the armed forces were asked on 1,065,000 sweaters as a beginning. This figure is expected to be increased materially in the weeks just ahead.

Price Structure

The price structure for home grown wools has been fairly well established on the new high levels since the Colonial markets re-opened on January 8th. Bright Delaine Fleece wools moved up steadily until \$3.25 clean basis was established and similar grades of territory wools were traded at close to the same price. In fact, a wide variety of domestic fine 64s wools are pegged at prices in the range of \$2.75 to \$3.00 and up to \$3.25 for choice selections.

Foreign Wool

Demand for Montevideo wools featured the Boston market almost as soon as the Australian markets closed for the holidays. Montevideo fine super 64s wools brought \$1.85 to \$1.90 greasy and Argentine second clip \$1.20. Combing fleeces purchased in the Buenos Aires market cost the buyers here \$1.28 in bond. This was for the regular B.A. 40s (5s) for shipment. The United States was the largest buyer of crossbreds all during the month of December in the Buenos Aires market. This was accredited to the stockpiling program of the Government.

Mohair

The market for mohair has advanced from a low point of 50 cents for grown hair and 75 cents for kid to \$1.30 to \$1.35 for adult and \$1.70 to \$1.75 for kid. Actual sales have not been of special importance for reason of limited stocks in the hands of the trade and producers. Buying operations are practically at a standstill in some sections of the growing areas pending the advent of the Spring clip.

Government Procurement

The army request for 3,750,000 sq. yards of mohair cloth, frieze, double-faced, 18½ ounce, and 2,500,000 linear yards of wool cloth, pile, ½ inch, natural, 54 inch was answered by 20 bidders who offered approximately 2,000,000 yards more than the 3,750,000 yards to be purchased under the invitation (Item 1 A).

Both items are to be delivered to the Philadelphia QM Depot, item 1 A from January 31 through August 31 and 1 B from January 31 through July 31.

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"What can you do about Mesquite?"

Plenty! You can go at it with Esteron 245. This hard-hitting Dow product containing new, powerful low-volatility esters of 2,4,5-T has demonstrated its effectiveness over the most resistant species of brush.

Extensive field trials, under the direction of the Texas Agricultural Experiment Station at Spur have shown that ESTERON 245 will control tough, thick, deep rooted mesquite. Ranchers have found that chemical control increases the grazing capacity of range land and that with mesquite under control the job of working stock becomes very much easier. Ranch owners who have had discouraging results with mechanical control now get progressive low-cost control of mesquite with ESTERON 245.

For other brush problems—Esteron 245 or Esteron Brush Killer will do the job. You can spray your range to get rid of woody brush and poison ivy. You can clean out your fence rows, ditch banks and roadsides in short order. Esteron 245 is adaptable to both foliage and basal bark spraying—to both standing brush and cut stumps—can be used with oil or water.

Your Dow dealer or local experiment station will show you how chemical brush control has proved itself a valuable aid to efficient range management.

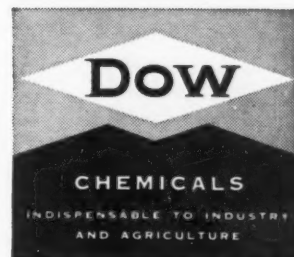
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Containing new, low-volatility ESTERS of 2,4,5-T

Use Dependable Dow Agricultural Chemical Products

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- Plant Growth Regulators
- Grain and Soil Fumigants
- Wood Preservative

AGRICULTURAL CHEMICAL DIVISION
THE DOW CHEMICAL COMPANY
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General Income Tax Provisions

By Tyrus Timm, Extension Economist,
Texas A. and M. College

A FARMER either can file on the accrual or cash basis. Are incomes taxed the same in either case? No. On the accrual basis, a farmer has to show as income: (1) the net increase in inventory; (2) income earned but not received; and (3) cash income. On the cash basis, he is taxed only on cash receipts. Remember, once a basis is selected, it is binding in later years unless another method is authorized by the Commissioner of Internal Revenue in Washington, D. C.

Do most farmers pay taxes on their cash receipts (less deductible expenses), commonly called the cash basis? Yes, more than 95 percent of the farmers do. Practically all of the smaller farmers who are required to pay income taxes do so on this basis.

IMPORTANT NOTE — In order not to confuse the issues and to be

more useful to you, the remaining questions and answers pertain only to the cash basis.

What kinds of cash incomes are taxable?

Incomes received from sales of crops, livestock, and livestock products are taxable — also, income from uses of farm resources such as pasture leases, storing feed for others, breeding fees, and the like are taxable. Cash received for work and other services, such as custom grinding are taxable. All Government payments received should be included. The value of farm products, which are produced by a farmer and used by his family, is not taxable income.

What kinds of farm business expenses are deductible?

The cost, or depreciated cost if depreciation taken, of livestock bought

may be deducted when animals are sold. Depreciation may be taken on livestock for breeding and dairy purposes, and for workstock. Depreciation, too, on all farm buildings and permanent improvements used in the farm business and on farm machinery and equipment is allowed. Purchase values or depreciated values, of all purchased livestock which die during the year are deductible. Also deductible are all ordinary and necessary operating expenses in raising and feeding livestock, as well as all other disbursements in crop production, cultivation and processing.

How are market livestock which were bought this year, or earlier, and sold this year handled?

Remember this little jingle: "On market animals you buy, don't deduct them until you sell them or they die." Accordingly, if a steer was bought in 1947 for \$200, and sold in 1948 for \$325, the \$125 would be entered as taxable income for 1948.

Is the farm residence counted as part of the farm business?

No. Neither depreciation nor operating expenses are deductible on the farmer's residence. The tenant house and bunkhouse for labor are part of the cost of operating the farm business, and on these depreciation may be claimed.

Is the value of the board furnished the hired farm labor deductible?

That part of the board coming from products raised on the farm is not, but the groceries and other items purchased are.

Can a farmer deduct for the cost of operating the family car?

Only to the extent the family car is used in the farm business. If 50 percent of the mileage is used in hauling milk and doing other duties connected with the farm business, 50 percent of cost is deductible.

Can depreciation be taken on orchards?

Yes, if the original cost was not charged off in previous returns as part of the operating expense. The farmer should use his best judgment as to how long the orchard will last.

If a crop is damaged or wiped out by hail, floods, or in other ways, can the estimated loss be deducted? No. The expense of producing the crop has already been taken care of by the deductions of operating expenses.

Does a farm boy or girl have to make out a separate income tax return for profits made from 4-H club projects and other youth activities?

If the boy or girl who is a minor has a gross income on his or her projects of \$600.00 or more, an income tax return must be filed. Taxes must be paid, if due, after legal deductions are made. Income of the child is not included in the parent's return.

Can land be depreciated?

No. Neither can permanent improvement such as terraces and contours. Maintenance work on terraces, contours, etc., can be deducted as operating expenses.

Suppose a farmer owned two farms and decided to sell one. Would the income from the sale of the farm be taxable?

Yes. If he had owned this farm for more than six months, the transaction would likely be considered a capital gain, and one-half of the profits (total sale price minus purchase cost, minus improvements, plus depreciation taken) would be taxable. This may or may not be the case, as there are many things to be considered in a real estate sale. The farmer should get in touch with an Internal Revenue representative or a good lawyer.

Of what advantage is there for the farmer to show the sale of dairy, breeding, or work stock as a sale of capital assets?

Only 50 percent of the net gain, instead of 100 percent, is taxable.

What are the requirements for livestock sales to be counted as "sales of capital assets?"

- (1) The animal must be for breeding purposes, or work stock.
- (2) The animal must have been owned by the farmer for more than six months.
- (3) The sale must have reduced the normal size of the herd or made room for replacements.

This is another regulation that is difficult to interpret. Better check with your local Internal Revenue representative.

Can I deduct off my income tax return, expense of clearing mesquite from my ranch lands?

Land is being used for grazing cattle. You can charge clearing mesquite in order to maintain the growth of grasses on such land as an operating expense, if the land has to be recleared ever so often. However, if the Internal Revenue officials rule the clearing is a permanent improvement, then you will not be allowed a deduction. In the latter case, this improvement would add to the value of the land, and show up in its value if sold later. Producer should check with Internal Revenue on his particular situation.

Is income from work off the farm taxable?

Yes. Income from such jobs as a part-time school bus driver, highway maintenance man, AAA committeeman, and the like are taxable.

BUCK JACKSON SELLS BORDERLINE RANCH

BUCK JACKSON of Pecos has sold his borderline ranch of 40,000-acres to M. S. Hamilton of Roswell, N. M. The land lies in Loving County, Texas and Eddy County, New Mexico.

The ranch, in grama grass and sand country, is well improved with 10 windmills. The transaction which included some royalty and no livestock was consummated at approximately \$200,000.

Jackson has recently purchased a small place, all grassland, near Fort Worth. He may move there at a later date, but he will still operate at Pecos and Toyah.

Hamilton will get possession of the ranch in May.

GET ALL THE WOOL AND MOHAIR WITH STEWART SHEARING EQUIPMENT . . .



PORTABLE MACHINE

Now, a lightweight, compact single-unit machine equally good for large or small flocks. Easy-to-handle. Set up, ready to go in minutes. Special mountings give rigid stability—use this machine on ground or floor, anywhere sheep can be shorn. Has 67" two-section jointed shafts, 4 cycle air-cooled engine. **No. CS-1** (Less handpiece and grinder) \$170. (Denver and West, \$174.)

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Complete grinder for CS-1 Machine. Does perfect job of sharpening. **No. CS-1G** \$46.75. (Denver and West, \$49.00.)

Sunbeam STEWART SHEARMASTER

Fast, easy-to-use electric Shearmaster removes fleece in a few minutes. Gets 10% more wool than hand blades from same sheep. Wool grades higher—brings more money. Has year 'round use for shearing the flock, tagging, crutching, facing, removing wool from dead sheep, etc. **No. 31B-1**. Only \$46.75. (Denver and West, \$47.00.)



STEWART "SUNBEAM" HANDPIECE

This new handpiece lets you shear up to 50% more sheep with same tools. Operates with lighter tension, runs at 25% greater speed. Pays for itself in saving of time and tools. **No. X70**, \$37.50.

Write for free folder on Stewart Equipment.

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COLEMAN COUNTY LOAN COMPANY DOES BIG BUSINESS

J. C. MARSHALL, Secretary-Treasurer of the Coleman Production Credit Association of Texas, with several directors and members of the Association visited the magazine office recently to say "Hello" and to see how the magazine is gotten together.

The officials of the organization report a good year for the Association which is completely owned and operated by 1,149 farmers and ranchmen in Taylor, Callahan, Runnels, Coleman, Brown and Concho Counties. The volume of business for 1950 was the largest in history with loans amounting to \$6,572,673. Assets of the organization total nearly three million dollars.

High priced livestock has enabled many ranchmen to reduce loans. On the other hand re-stocking has cost more money and the volume of loans in this organization as well as practically all other lending agencies has increased. According to Mr. Marshall, one of his ranchmen members recently sold some lambs—quite a substantial number—at \$32; ewes at \$42 and some rams at \$52—some of the highest prices for sheep ever known in this area.

The big handicap of sheep production in the area, according to the officials of the organization, is an assortment of varmints in plentiful supply. Coyotes make sheep raising in Coleman County, adjacent to Callahan County, a hazardous venture and many ranches devoted to cattle production will not allow the government or private trappers to go on their land for eradication of the predators. They are backed by a number of sportsmen, so-called, who run dogs

and who try to protect coyotes, wolves and foxes for that sport. Many officials believe that the only way to handle this problem is for a state law to be enacted giving a government trapper free access to any land on which predators are known to roam and breed.

R. H. Lindsay of Boston contracted the Sweet Grass Wool Pool clip of 27,000 fleeces at Big Timber, Montana at \$1.30½ f.o.b. shipping point.

Ram and black fleeces were full price and 50 cents for tags. The lowest of five bids was \$1.24.

Harper Weatherby of Big Lake has purchased 150 lambs from Bill Moody of Fort Stockton. The Rambouillet wool lambs weighed 87 pounds and sold for 29½ cents a pound. Weatherby bought for the Production Marketing Association.

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at San Angelo

Has a Complete Stock of Paint, Wallpaper and Glass for Your RANCH HOME.

ART SUPPLIES MIRRORS
PICTURE FRAMING PAINT SUNDRIES
FREE ESTIMATES GLADLY GIVEN

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SAN ANGELO, TEXAS

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WITH A
Wolf-Proof
**SHEFFIELD
FENCE**

No need to fear loss of stock to wolves or other predatory animals when a Wolf-Proof Sheffield fence protects the flock and keeps it from straying. Wherever it grazes, the flock is safe behind the extra strong, extra tight Sheffield fence construction with the ground sections which prevent burrowing from outside.

Sheep and Goat raisers everywhere are turning to Wolf-Proof Sheffield Fence for protection. They have discovered that it not only pays for itself in preventing losses but, because of its long life, soon returns a profit.



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SONORAN WINS AT DENVER

CONNIE MACK LOCKLIN of Sonora exhibited the top Delaine fleece in both the ram and ewe class at the recent National Western Livestock Show in Denver.

Jim Gray, state extension service animal husbandman of San Angelo, judged the wool division of the show.

Grand champion fleece of the show was a 21 - pound range produced fleece.

Utah State College took top honors in the college wool judging phase of the show. Colorado A. and M. took second place.

The A. and M. Team was coached by A. L. Banta, formerly of San Angelo.

The Ranchers' Commission Co., Junction, reports 145 kid goats of average quality sold at \$9.90 a head. This was a high record for goat sales in Texas this year.

Some aged nannies were sold at \$12.60 a head and some lambs went at 34 cents a pound. All fair stocker lambs went at 32 to 33 cents a pound.

Carbon and Alloy Steel,
Ingots, Blooms, Billets,
Plates, Sheets, Merchant
Bars, Steel Joists,
Structural Shapes,
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Analyzing Livestock And Meat Situation

By Sheep and Goat Raiser Chicago Bureau

LIVESTOCK PRICES are not exactly running away with themselves, but almost. Inflation due to an expanding economy plus every other factor in the book, are working along with broad basic demand from the biggest

work army on record to lift prices — not only livestock but everything from hairpins to locomotives. It is no run-away in livestock, we repeat, and while arousing the need of ceiling prices to some, to others serving the proof of the best possible control to be had — what the buying public can and will pay, in decreasing amounts until supply exceeds demand whereupon what looks like hysteria is over. Stabilization bosses are bickering.

In short, buyers will eventually make the ceiling in livestock unless

the government intervenes. But top steers, having already reached \$40.50, may go on higher as may the rank and file of steers now utilized for beef over the block and for boning purposes; and which are now averaging around \$34.00. The pre-Korean averages was a mite below \$30.00. National federal cattle slaughter in late November, December and early January disclosed 100,000 head more than the corresponding period a year earlier, but this increase was not enough to stop the advance. Choice heifers sold up to \$37.50. Really big steers at \$38.00 were in the 1,800 lb. class. There is little beef to be had from steers under \$29.00, and finishers are paying new high prices all over the country for stock steers, heifers and cows. This suggests all-out production, what the government really wants. The gimmick is that federal stabilizers occasionally put livestock men on tenterhooks by suggesting controls, maybe in connection with rollbacks. As hogs, now on their way to higher prices, are, nevertheless, not at national parity, the federal finger of scorn is pointed at top steers and top lambs. Controls by March comes via newsletters and radio.

But top lambs, evidently above \$35.00 by the time this story is in print, are hiding in large part behind record pelt prices. Take wool away and there wouldn't be much left because the public is buying dressed lamb wholesale lower than Dec. 1 last year. With so much money around, there is always hotel and nightclub outlet for top steers. As so large a section of the populace is working at pretty good wages, it will have "red meat" plus all the comparatively cheap pork it has had access to this winter. So, "inbetween" steer and heifer beef, cow beef and the like have been and still are moving. Wholesale meat prices have been edging ahead, and then falling back. Live prices edge ahead, period.

Increased supplies of winter fed cattle are showing up, so, when decreasing demand because of inflationary price levels equals the supply, the live market will have achieved its peak — without enforced ceilings. With ceilings both steers and lambs might sell emphatically higher in a black market which would curtail production, now at its seasonal crest, yet due to mount higher. Regardless of having appointed price stabilizers who as yet have little or no machinery set up to control anything, the government knows what a black market would undo in livestock — and is against it, wanting all-out production. Only top steers and top lambs so far have drawn barbed comment. Overweight fed steers at \$38.00 curl eyebrows but nothing was said when similar kinds were having to be peddled well below \$30.00 last summer. Nor was much said officially when top hogs, Chicago basis, fell to \$18.00 last fall, so far below so-called parity as to make growers wonder. Hogs were mortgage lifters, eh? Now, top hogs are around \$22.00, and promise to go considerably higher, advances generally and corn markets in par-

With MoorMan's you can "MINERALIZE" 10 EWES for Only 1¢ a Day!

**ALL THE MINERALS
YOUR EWES NEED...**
for a bumper 1951 lamb crop!



Sheepmen know that when ewes are carrying and nursing lambs they need a correct combination of both base and trace minerals *more than at any other time*. That's why so many thousands now feed MoorMan's complete Minerals for Range Sheep.

This famous mineral supplement is ideal for pregnant and nursing ewes because it contains 13 mineral ingredients, all balanced in the correct proportion needed to:

1. Make and keep ewes thrifty.
2. Help produce strong, rugged lambs.
3. Reduce breeding, pregnancy and lambing troubles to a minimum.
4. Give a strong, rich milk flow.

5. Help get maximum feeding value out of all feed—even short winter range.

And, because MoorMan's Minerals for Range Sheep contains no "filler," it goes farther—it is so highly concentrated you can actually feed 10 ewes all they need for only about 1¢ a day.

MoorMan's comes in 3 forms for your easy feeding—handy-to-handle 50-lb. blocks... granular that "stays put"... and convenient 5-lb. blockettes. Available in carload or smaller amount; special guaranteed prices quoted on contracts for 50, 100, 500 or 1000 ton lots — 1 year to complete contract. Ask your MoorMan Man for complete information, or write Moorman Mfg. Co., Dept. LT-2 Quincy, Ill.

Special Minerals for Alkali Areas. MoorMan's Special Range Minerals is designed for animals in alkali areas which get an abundance of salts or alkali salts in water or forage. Enriched with vegetable protein for palatability. Contains less salt. Preferred by ranchers in alkali areas where the animal's natural desire for essential minerals is often killed.

MoorMan's
(SINCE 1885)



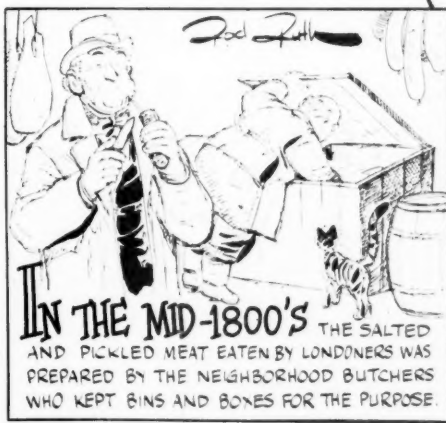
Makers of Protein and Mineral Concentrates Farmers and Ranchers Need, But Cannot Raise or Process on Farm or Ranch

MEAT THROUGH THE AGES



It WAS CUSTOMARY IN EARLY FRANCE TO HOLD A THREE OR FOUR DAY "HAM FAIR" JUST BEFORE EASTER IN SOME OPEN PLACE WHERE HAM DEALERS FROM FAR AND WIDE DISPLAYED THEIR WARES IN STALLS AND SOLICITED BUSINESS FOR THE EASTER SEASON.

THE MEAT CUT FROM ANIMALS OFFERED AS SACRIFICES TO THE ANCIENT PAGAN ROMAN GODS APPEARS OFTEN TO HAVE BEEN SOLD TO NEARBY TAVERNS AT ATTRACTIVE PRICES—WITH THE UNDERSTANDING THAT SAID TAVERNS COOK AN OCCASIONAL JOINT FOR THE TEMPLE PRIESTS. IN SUCH CASES, THE ENTRAILS AND GARBAGE WERE CONSIDERED GOOD ENOUGH FOR THE GODS!



IN THE MID-1800'S THE SALTED AND PICKLED MEAT EATEN BY LONDONERS WAS PREPARED BY THE NEIGHBORHOOD BUTCHERS WHO KEPT BINS AND BONES FOR THE PURPOSE.



The PAINT BRUSHES OF ANCIENT ROME WERE MADE FROM THE TAILS OF OXEN OR FOXES!

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ticular being taken into account. Some well known cornbelt live stock organizations insist that top hogs should be closer to \$27.00 than \$22.00, and plan to so notify the government before the year is much older.

Best beef wholesale hangs around \$58.00. Right there, too, stand best lamb and veal. But pork loins have trouble in the face of continued liberal runs to pass \$44.00. Aside from a few flurries, pork loins have been

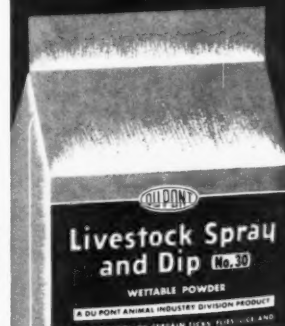
moving into retail channels all winter closer to \$40.00 than any other price, to give consumers a bargain as compared with beef and lamb. Live lambs would be nowhere near their present level were it not for worldwide wool markets, a military development. Other meat prices could not endure at current levels if a record army of workers on domestic account were not being numerically enlarged to additionally take over an ocean of military commitments. Compared

with an average around \$34.00 on slaughter steers, lambs average about \$33.00 and hogs \$20.50. The premium for woolled lambs puts shorn lambs at \$32.50 down — the shorter the staple the lower the price regardless of the finish of the lambs . . . Long prices for 1,400 to 1,800 lb. fed steers suggests that the old crop is well run. What is usually a crackin' good market on cows, heiferettes and bulls, denotes nationwide outlet for (Continued on page 26)

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LIVESTOCK

(Continued from page 25)

hamburger, and cheap cuts. Hamburger sandwiches lead the country over. Then comes ham.

There is every sign of more fat cattle this winter than a year ago.

Also more hogs, following a dip from current supply levels which have come early, hence will pinch out sooner than is normally the case. Lamb on feed are back to 1920 levels, about 6 percent under last year as the industry holds ewe lambs, and builds up its replacement aged ewe flocks to the point that mutton has practically disappeared from wholesale markets. Thus it is that we see

\$20.00 killer ewes, \$15.50 slaughter bucks and \$31.00 yearling wethers. Naturally, wool prices are a big factor in sheep as in lambs. Every part of the country armed with feed is likewise armed with cattle. Drouth hurt Southwest wheat, so both cattle and lambs in big numbers have been dispersed until lamb holdings in Kansas, Jan. 1 were estimated at only 210,000 head, little more than half as many as last year. Most Southwest wheat lambs long ago have been reloaded for cornbelt feedlots, notably Nebraska which along with the Imperial Valley in California are about the only sections with more lambs on

feed than last year when, of course there was no such international emergency as now, no Korea, with chances this spring of other Koreas, no such inflationary military spending with attendant antidotes of huge taxes during the payment of which more workers want and need more meat and meat substitutes which cannot be had for long if huge federal bureaus rather than ranchers and farmers engineer the production of livestock. While stabilizers stumbled through red tape, honest to goodness growers and finishers at the recent Denver live stock show bought replacement cattle, calves and lambs at new high prices.



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DIFFERENTIAL DIAGNOSIS OF TROUBLESOME SHEEP DISEASES

By F. Thorp, Jr.

Abstracted from Veterinary Medicine
July, 1950

FOUR DISEASES of sheep that may show somewhat similar symptoms and thus present a problem in diagnosis are pneumonia, enterotoxemia (overeating disease), ketosis (pregnancy disease), and listeriosis. Since prevention and treatment of each of these conditions are entirely specific, it is important to have a veterinarian see sick animals to make a correct diagnosis and help avoid further losses.

Pneumonia, which occurs in breeding flocks sporadically, so that seldom more than a few animals at a time are affected, may occur in up to 10 per cent of the breeding flock (in Michigan). The offspring of ewes that have recovered from the disease frequently develop pneumonia and death losses are high in such lambs. Among the characteristic symptoms of pneumonia in sheep are high temperature, labored breathing of an abdominal type, discharge from the nostrils, and loss of appetite.

Since the infective agent appears to persist in the flock from one year to the next, it is advisable to dispose of affected ewes as soon as possible. Effective control may be obtained with antibiotics and the sulfa drugs if they are administered when the animal is in the early stages of pneumonia.

Enterotoxemia, or overeating disease, affects sheep of any age and has been observed in three-week-old lambs as well as ten-year-old ewes. Symptoms are of little aid in diagnosis because an animal usually is stricken suddenly and dies quickly. Initial losses of this type should be immediately investigated, especially if diarrhea is present, as it may indicate an attack of enterotoxemia. Running movements of the legs and a drawn-back head are seen in animals that go down. Undigested food in the intestine and grain in the rumen may be found in sheep and feeder lambs that have died of enterotoxemia.

Enterotoxemia is a nutritional dis-

ease associated with bacterial infection. It is advisable to vaccinate feeder lambs to maintain steady weight gains. In breeding flocks, the disease may be controlled by good management.

Ketosis, frequently known as pregnancy disease, lambing paralysis or toxemia of pregnancy, is strictly of nutritional origin. Feeding a ration containing easily digestible carbohydrates would appear to be of primary importance in prevention. Symptoms are eliminated upon early administration of glucose, and molasses should be added to the ration as a supplement. Caution should be taken in returning animals to full feed after they have recovered.

Although ketosis usually occurs in pregnant animals, it can occur in non-pregnant ewes. One symptom seen during late pregnancy is fast, rapid breathing. A shortened gait that appears to make raising the hind legs difficult is another characteristic symptom of ketosis. Paralysis follows, and in the later stages grinding of the teeth and various nervous symptoms appear. Affected animals die in convulsions.

Listeriosis, or circling disease, usually causes death in 1 to 2 days after symptoms appear. Affected animals may circle in one direction for considerable time, usually holding the head to one side. A laboratory diagnosis is necessary to be sure animals have listeriosis.

Figures collected in Michigan indicate that 20 per cent of the losses in sheep can be attributed to infectious diseases; 80 per cent can be directly attributed to poor nutrition, faulty management or treatment with worm remedies.

Mixed lambs, 160 head, were sold to Alfred Cooper and Ikey Kring of Sonora at 28½ cents a pound. H. W. Lester of Fort Stockton was the seller. Lambs weighed 93 pounds.

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EL PASO, TEXAS

SOUTHWESTERN LIVESTOCK SHOW AND RODEO SET IN EL PASO FOR FEBRUARY 14-18

BRAND NEW acts, new livestock and the top rodeo talent of the cowboy world promise to make the Southwestern Livestock Show and Rodeo one of the most notable ever held in the Southwest, Woody Wilson, show secretary said.

Entries for livestock competition in the famed Southwestern Livestock Show are flooding show headquarters. It has been necessary to get extra help in processing the entries and the many other duties necessary in putting on a show of this size.

Over 44 Sheriff's Poses, in the Southwest, have been invited to enter the parade on Wednesday, Feb. 14th that will spark the beginning of the festivities. Major Dan Duke of El Paso has invited mayors of 40 communities of the southwest to a luncheon at noon on Feb. 14th., and to attend the livestock show and rodeo with him. All the school bands of the great southwest, mounted organizations, and novelty vehicles have been invited to march in the parade on Wednesday, Feb. 14th.

Beutler Brothers, Elk City, Okla., who put on the highly successful show last year will again produce the rodeo in El Paso. Show authorities have been notified that this will be the first performance of the rodeo season for the Rodeo stock, which will be fat and sassy and full of fight. It has been stated that although prices have not gone up for admission over last year, a much better show will be put on.

Meanwhile, in El Paso, rodeo committees are organized and all are imbued with that old western spirit. Merchants, city employees and just plain citizens are vying with each other in their contributions of time and talent to the Southwestern Livestock show.

Civic organizations are giving of their time. The whole city will blossom out in western attire, the like of which has never been seen before and El Paso will once again be "wild and woolly and full of fleas."

Stunts to please the kids from 8 to 80 have been planned. Some are secret and will delight all spectators, regardless of age or size.

All participants in the Southwest-

ern Livestock Show extend their invitation to their neighbors of the great Southwest to don their Levis, boots and Stetsons, to fork a pickup or Cadillac and ride into El Paso for the great Southwestern Livestock Show and rodeo on February 14 to 18. All entries in the livestock show must be in on or before February first.

960-ACRES DESTROYED BY TOM GREEN FIRES

THE RANGE in Tom Green County is typical of Texas at this time - dry. On January 20, some 960-acres of grass in the Susan Peak area were burned from two fires, which were started from gas flares.

Blazes were on the Turner Ranch, and the Door Key Ranch of J. Willis Johnson. Firemen fought the first fire over 5 hours and the second over 3 hours.

DILLINGHAM BUYS COLORADO RANCHLAND

TOM G. DILLINGHAM of Enid, Oklahoma has added to his land holdings in Las Animas County, Colorado with the purchase of 33,804 - acres from Louis and Richard Compton of Trinidad, Colorado. The land, known as the Cannon Ranch, is located near Trinidad.

Purchase price was said to be \$250,000. Dillingham now has over 82,000 acres in Las Animas County.

Only about \$5 of a \$50 suit is due to the cost of raw wool. The balance, or \$45, comes from charges incident to manufacture, as labor, taxes, and mark-ups.

According to the USDA, this country has the grass resources to run over 30 per cent more sheep than we now tally - an increase of 9 million head. Perhaps cattle numbers would be decreased in some areas, and authorities probably plan for more sheep to go back to the farms in the Midwest and East.

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EL PASO, TEXAS

**THATE SHOWS CHAMPION RAM AT COLEMAN**

Clyde Thate, Burkett, Texas, breeder of registered polled Rambouillet sheep showed this ram to championship in the men's Rambouillet show at Coleman, January 16.

**BOB PADGETT AND HIS CHAMPION DOE**

Bob Padgett, son of Mr. and Mrs. M. B. Padgett, Tarpley, Texas, showed the champion "C" type doe, a ringlet yearling, in the district show at Kerrville, January 19.



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U. S. AND MEXICAN OFFICIALS TO DISCUSS LABOR PROBLEMS

REPRESENTATIVES of the United States Government will meet with various officials of the Mexican Government, January 26, in Mexico City. They will discuss the need for Mexican farm workers in the United States during this year, and will seek means for providing for their legal entry into the United States under the terms of the Mexican-United States Farm Labor Agreement, signed Aug. 1, 1949.

This information was received in a letter to Ernest Williams, Texas Sheep and Goat Raiser secretary, from R. R. Rubottom, Jr., Officer in Charge of Mexican Affairs, Department of State, Washington, D. C. Mr. Rubottom acknowledged receipt of the resolution of the Association with regard to the use of Mexican national labor in this country.

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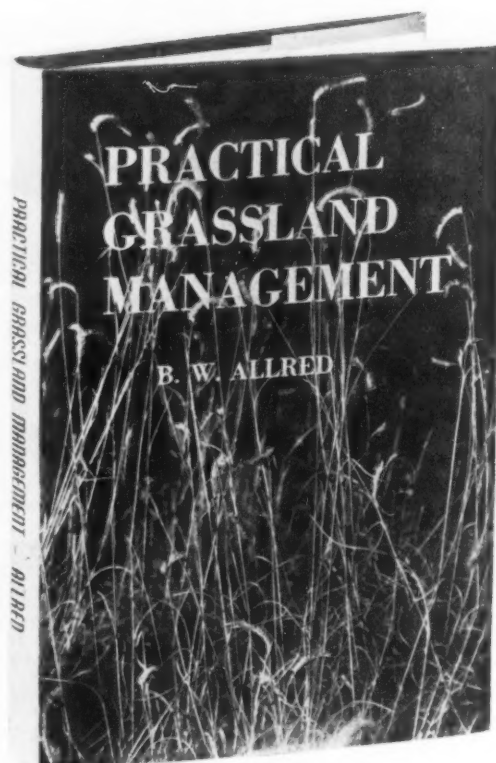
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Here's the Grass Book--Published for Ranchmen



"Practical Grassland Management" by B. W. Allred, deals with the correct use and conservation of native and introduced grasses. The combined information in the 15 chapters of the book explains how grasses can be kept in a high state of productivity under correct grazing use.

Many of the important native and introduced grasses are described. Conservation grazing practices are discussed. Also, there are several examples of how landowners in soil conservation districts have made grassland conservation pay.

The way animals graze may be affected by the condition of the range, soil, steepness of slope, accessibility to water, presence or absence of shade climate and many other factors which complicate sound grassland management. One chapter tells how best to meet such problems successfully.

Importance of grass for conservation is emphasized and seeding recommendations are given for 64 native and introduced grasses, including several important cultivated species. Included is a list of plant names, a glossary of range terms, a reference list and index.

F. G. RENNER, Chief, Range Division, U. S. Soil Conservation Service, Washington, D. C., says:

"The author writes from a wealth of practical knowledge and experience. Reared on a stock ranch in southeastern Utah, he studied animal husbandry, range management and ecology in the agricultural college of that state and the University of Nebraska. No theorist, he operated a partnership ranch for several years, running cattle and sheep on the home ranch in Utah and sheep on both privately owned and

public lands of Wyoming. Later he served as county agent in two stock-raising counties in Colorado. Since 1935, he has been with the U. S. Soil Conservation Service, first in charge of the range work for the northern plains states, and since 1945 in a similar capacity for the Western Gulf Region, comprising the four states of Texas, Oklahoma, Arkansas and Louisiana. He is widely known to the readers of livestock journals and other magazines for his articles on livestock and grassland management problems."

A USEFUL ADDITION

The 307-page indexed nontechnical treatment of "agriculture's most important crop" makes an attractive volume, simply written and carefully illustrated; more, the author has added the little extra that can bring true reader interest to this kind of book — like citing, for example, some of the folklore and legend about grass, and including an occasional color reproduction of pictures by the famed Charles M. Russell and Frederick Remington. There are also easy-to-follow charts and cuts showing structures of grasses. This should prove a useful addition to the bookshelves of ranchers, farmers, students and lovers of the land. — American Cattle Producer.

By B. W. ALLRED

Edited by H. M. PHILLIPS

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A REGULAR TEXT

It serves me pleasure to advise you that Mr. R. B. Dooley, Director of San Angelo College Agriculture Department, intends to adopt the book entitled *Practical Grassland Management* by B. W. Allred as a regular text. Mr. M. B. Inman, another member of the San Angelo College Agriculture Department, has also read the book and recommends it very highly. The Sheep and Goat Raisers' Magazine is to be commended for editing such a scientific and practical text book.

Being extremely interested in agriculture myself and having read this book, I feel that when it becomes known to schools throughout Texas it will have a wide adoption as a text book.

Bryan Wildenthal, President
San Angelo College
San Angelo, Texas

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You have compiled some very interesting and valuable information for Texans. We like your book so well that we are going to adopt it as a text in either the Range Plant course or Range Management course here at Sul Ross. Dr. L. C. Hinckley, whom you know I am sure, is teaching our range courses.

Barton H. Warnock, Head
Biology Department
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... Allred knows grass from both the scientific and practical sides, and can write about it without straying clear beyond a line rider's mental capacity.

The pictures and descriptions of the principal range grasses are excellent. Allred not only describes the grasses themselves, but also their growth habits. Anybody can dig into his data and judge just what grasses are most likely to do best on his own range.

"Ranch Planning for Soil, Water and Grass Conservation," is the heading of the last chapter. That alone is worth the price of the book. — E. D. — Arizona Farmer, Phoenix.

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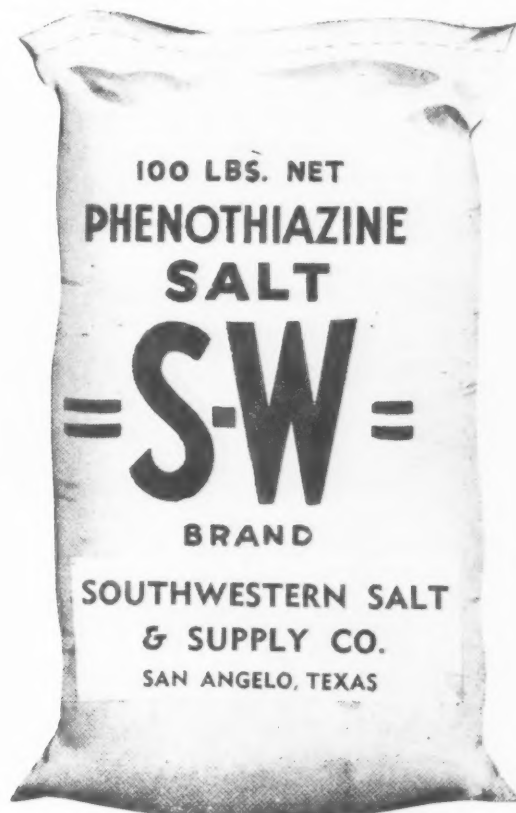
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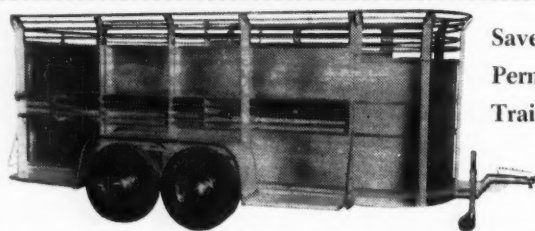
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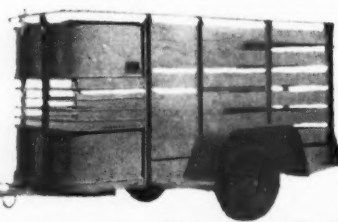
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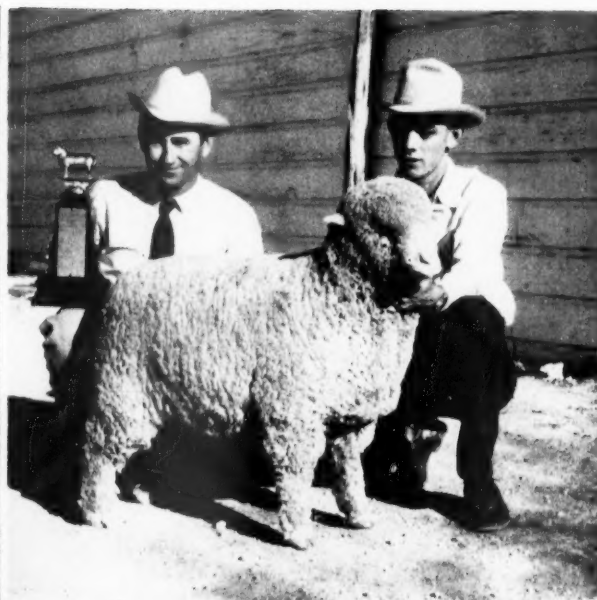
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DAYTON RANSEBEN WINS SCHREINER TROPHY

For the second straight year Dayton Ransleben, Frederickburg FFA student, has won the Schreiner wool and mohair trophy, copping the trophy permanently. The lamb was the fine wool champion of the show. The trophy is being held by J. L. Tatum of Frederickburg, FFA instructor and recently voted the most valuable Frederickburg citizen by the Frederickburg Jaycees.

WILLARD JORDAN LAMB TOPS MASON SALE

IN MASON, January 20, the annual county livestock show was held. Judge of all sheep classes was Dick Hermann, ranchman and veterans' teacher of Junction.

Willard Jordan's champion South-down lamb topped the auction sale

which was conducted following the judging. Purchaser was Johnny Martin, San Angelo livestock dealer, who paid \$1.20 a pound for the lamb.

Top results of the sheep show were:

Fine Wool Class — first and second, Gene Kidd, Mason 4-H Club; third, Edwin Ince. Southdown class — first, Willard Jordan, FFA; second, Elroy Schuessler, FFA; third, Dwain Echuessler, FFA.

Heavyweight crossbreeds — first, John Henry Hoffman, 4-H; second, Douglas Owens, FFA; third, Tommy Reardon.

Lightweight crossbreeds — first, Kenneth Loeffler, FFA; second, Arlee Leifester, 4-H; third, Stanley Toeppich, FFA.

Grand champion crossbreeds, Kenneth Loeffler.

Reserve champion crossbreeds, Arlee Leifester.

Groups of three lambs — first, Gene Kidd, 4-H; second, Pat Keller, 4-H; third, Dicky Kensing, FFA.

VAL VERDE SHOW IS SET FOR FEBRUARY 10

FEBRUARY 10 is the date set for the tenth annual Val Verde County lamb show. 4-H Clubs and FFA chapters will have exhibits at the show which is to be held at the 4-H Club barn in Del Rio. 120 fat lambs, both fine wool and cross-bred, 26 Rambouillet rams and 17 ewes will be entered to compete for prize money and ribbons.

Vestel Askew of Sonora will judge the show which is to start at 9 A. M. The women of St. James Guild will serve a barbecue dinner.

Col. Walter Britten of College Station will auction the animals starting at 2 P. M.

F. H. Whitehead is general chairman of the show.



GRAND CHAMPION OF THE HILL COUNTRY DISTRICT SHOW

Thomas Pape, member of the Fredericksburg FFA, with his Grand Champion lamb, a Southdown, which was judged to be the top entry in the show at Kerrville January 19. Thomas and Robert Pape, brothers, the latter in the U. S. Air Force, have made an outstanding record in showing lambs, sweeping shows last year at Fredericksburg, Kerrville and San Antonio. They are the sons of W. O. Pape of Tivydale. Shown with Thomas is Malcolm Fluitt, Assistant Vocational Agriculture teacher at Fredericksburg.



ROY RESSMANN AND HIS GRAND CHAMPION LAMB

Roy Ressmann, Fredericksburg FFA boy and his Grand Champion Lamb of the Hill Country District Show. The ram is a Southdown.

Miles Culwell of San Angelo bought 1,000 head of yearling ewes in April last year from Herman Allen. He paid \$20 a head for them out of the shearing pen.

Culwell then shipped them to a South Dakota buyer. The last week in January the buyer sold the same ewes at \$40 a head. They will lamb in May, shear in June.

FREDERICKSBURG BOY TAKES HILL COUNTRY DISTRICT SHOW

THOMAS PAPE, 17-year-old member of the Fredericksburg FFA chapter showed the grand champion animal of the Hill Country Boys District Livestock Show, with a 102-pound Southdown fat lamb. In addition to the championship banner, he was presented with a two-year scholarship to Schreiner Institute, and a cash award from Kerr County Commission Company to be used for the purchase of female breeding stock for the 1952 show. The lamb will be shown also in the San Antonio and Houston Shows.

Top price of the sheep sale, \$1.20 per pound, went to Eddie Farrell of Kerr County 4-H for his prize lamb. Purchaser was Earl Bruton.

Other sheep and goat division winners included:

Delaine Ram Lamb — first, Edward Lange Harper FFA, second, Edward Lange FFA.
Fine Wool Fat Lambs — first, Kyle Wright Ingram 4-H, second, Wiltbur Caddell 4-H, third, Wayne Caddell 4-H.
Corriedale Ram Lamb — first, Evelyn Joyce Schneeman 4-H, second, Patsy Ann Schneeman 4-H, third, Don Newman.
Corriedale Ewe Lamb — first, Don Newman FFA.
Corriedale Fat Lambs — first, Kyle Wright 4-H, second, Kyle Wright 4-H, third, W. C. Klein, Jr. FFA.
Suffolk Ram Lamb — first, Kyle Wright 4-H, second, Kyle Wright 4-H, third, W. C. Klein, Jr. FFA.
Suffolk Ewe Lambs — first, Kyle Wright 4-H, second, W. C. Klein, Jr. FFA.
Suffolk Yearling Ewes — first, Kyle Wright.
Southdown Ram Lamb — first, Edward Lange FFA.
Medium Wool Fat Lambs — first, Tommy Priour, Kerrville FFA, second, Kyle Wright, third, Edward Kothmann.
Commercial Breeding Ewe Lambs — first, Kyle Wright, second, George Allen Morrow 4-H, third, Carolyn and Janice Klein 4-H.
Southdown Fine Wool Cross Fat Lambs — first, Eddie Farrell 4-H, second, Tommy Priour FFA, third, Tommy Priour.
Pen of 3 Champion Commercial Females — Joycelyn Kothmann.
Southdown Fat Lambs — first, Edward Lange FFA, second, Charles Becton FFA, third, Charles Becton FFA.

GOATS

Type B Buck Kids — first, Edward Kothmann 4-H, second, Edward Kothmann, third, Type B Doe Kids — first, Edward Kothmann, Calvin Van Hoozer, Kerrville FFA.
Type C Doe Kids — first, Edward Kothmann 4-H.
Type B Yearling Bucks — first, Calvin Van Hoozer, FFA.
Champion Doe Kid — Edward Kothmann.
Champion Buck Kid — Edward Kothmann.
Grand Champion Goat, Doe Kid — Edward Kothmann.

TOMMIE LOVE SHOWS TOP SUTTON LAMB

ON JANUARY 20 in Sonora, Tommie Love, Sutton County 4-H boy, showed the grand champion lamb at the annual event. The show, which is sponsored by Sonora merchants and ranchmen, had 31 entries of club boys and girls this year.

Cleve Jones, Sr., paid \$3.10 per pound for the Carlos Loeffler second place winning light fine wool lamb to top the sale.

James Gray, extension service and animal husbandryman of San Angelo, judged the sheep classes. Nelson Johnson of San Angelo was auctioneer of the sale. County Agent D. C. Langford headed the show.

Sheep results follow:

Light Fine Wool Division — first, Tommie Love, second, Carlos Loeffler, third, George Spinks.
Light Crossbred Class — first, Joe D. Ross, second, George Spinks, third, Oscar Carpenter.
Heavy Crossbred Class — first, John E. Neville, second, Anna Rose Glasscock, third, Preston.
Grand Champion Heavy Crossbred Class — Joe David Ross.

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Other auctions will be featured in this space from time to time.



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| FRIO LIVESTOCK SALES COMPANY, Riley "Boots" Kothmann, Mgr., Pearsall..... | Sale Thursday |
| GILLESPIE SALE BARN, Adolf Stieler, Mgr., Fredericksburg | Sale Wednesday |
| KERR COUNTY LIVESTOCK COMMISSION CO., Earl Brewton, Mgr., Kerrville..... | Sales Tuesday, Thursday |
| LOMETA COMMISSION CO., Charley Boyd, Mgr., Lometa | Sale Friday |
| MASON SALES CO., Pat Marschall and Clarence Schuesler, Mgrs., Mason..... | Sale Thursday |
| MIDLAND LIVESTOCK AUCTION, Don Estes, Mgr., Midland | Sale Thursday |
| MILLS COUNTY COMMISSION, Malcolm & Sid Jernigan, Mgrs., Goldthwaite | Sales Monday, Friday |
| PRODUCERS LIVESTOCK AUCTION CO., Jack Drake, Mgr., San Angelo | Sales Tuesday, Friday |
| RANCHERS COMMISSION COMPANY, Lem and Jack Jones, Mgrs., Junction..... | Sale Wednesday |
| SAN ANGELO LIVESTOCK AUCTION CO., J. B. Webster, Mgr., San Angelo..... | Sales Monday, Saturday |
| UVALDE LIVESTOCK SALES CO., Uvalde..... | Sale Saturday |
| WEBSTER AUCTION COMPANY, Jimmy Webster, Mgr., Sweetwater..... | Sale Wednesday |

The Livestock Auction Companies must be rendering a much needed and desired service — otherwise, WHY ARE THEY GROWING SO RAPIDLY?



PIERCE SHOWS CHAMPION EWE

The champion Rambouillet ewe of the men's breeding sheep show at Iraan was exhibited by Miles Pierce, Alpine. This ewe was first place in the aged class in the Pecos County show at Ft. Stockton a few days later.

OUTSTANDING MAN AWARD PRESENTED TO JOE TATUM

JOE TATUM, vocational agriculture instructor at Fredericksburg High School, was named the city's outstanding young man at the annual Jaycee awards program and dance.

District Attorney Sam Connally of San Saba made the presentation to Tatum and also cited Dr. Dor Brown, Elgin Heimann, John Dooley and Walter Furhmann for outstanding achievement.

While the vocational agriculture program has been under Tatum's direction it has produced 27 Lone Star Farmer Degrees, 2 Lone Star Farmers, 1 Lone Star Farmer of the State, and one Star American Farmer of the State, and 3 students who have earned the American Farmer Degree.

Tatum holds an honorary Lone Star Farmer Degree and is a director of the Vocational Agriculture Association of Texas. In addition to the V. A. work, he is a member of the board of Directors of the Fredericksburg Chamber of Commerce, the Gillespie County Fair Association and the Lions Club. He is a graduate of Dublin High School, John Tarleton State College, and Texas A. and M. College.

MORRIS BROTHERS LEASE RANCH

BILL AND TOMMY Morris of Rocksprings have recently leased a 40-section ranch from Fred Shield of San Antonio. The land, known as the Cherry Canyon Ranch, is located near Fort Davis and was purchased by Shield from Buddy Neal.

The Morris brothers are sons of Thomas Morris, ranchman of Rocksprings and Sonora.

PECOS COUNTY RANCHMEN SUPPORT WOLF CLUB

THE ANNUAL stockholders meeting and banquet of the Ranchers' Wool and Mohair Association was held in Fort Stockton, January 11. At this meeting the Pecos County Wolf Club received renewed support.

Organized several years ago to provide a cooperative plan for fighting predatory animals, the Pecos County Livestock Protective Association, has served the ranchmen of the Pecos country by hunting predatory animals through the use of airplane hunting services of Ray Baumgardner.

Lloyd White, ranchman of northwestern Pecos County was elected president of the organization; Frank Hinde, vice-president, and F. B. Wilson, secretary.

The warehouse voted financial aid for the club from its general funds.

Baumgardner is paid for flying time from the wolf club funds on an hourly basis, regardless of which ranch he works on. Ranchmen in all parts of the county have supported the wolf club in the past, although predators are much more numerous in some areas than in others. Ranchmen in "free areas" know that they are benefitted when predators are killed anywhere in the county.

PRACTICAL

I HAVE read over most of your book and am certainly enjoying reading it. In the past month I have heard it highly praised for its practical aspect and the fine job of editing.

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Washington Parade

By Fred Bailey and Jay Richter

REVISION OF support laws will be considered by the new Congress with two-way pressure being exerted against the lawmakers.

Farm bloc members of the legislative bodies are expected to push for more and higher price props to encourage increased production. Opponents of support may push for elimination of all farm price guarantees on the theory they are not necessary in view of present high returns.

Friends of farm supports will counter that one by arguing that more and higher guarantees are needed as protection against the time when there may again be surpluses.

As present law reads, only the basic crops and a few other commodities must be supported, and the Agriculture Secretary could drop support of basics to 80 percent of parity this year. Brannan apparently has no intention of lowering supports from present levels.

Farm bloc congressmen are expected to push for mandatory support of former "war crops" that now may or may not be supported. These commodities include hogs, chickens, eggs, soybeans, other oilseeds, feed grains other than corn, fruits and vegetables.

Talk of cutting off Marshall Plan appropriations this year instead of next should be discounted.

Whether the Economic Cooperation Administration (ECA) is continued or not, shipments of farm commodities to our prospective allies would go on. However, chances are good that the Marshall Plan itself will be continued, with a change in emphasis.

The new "accent," say Marshall Planners, will be toward commodities "which will effectively help in rearmament." That means farm commodities, as well as others.

"If it were a choice between butter and guns," says ECA Chief William Foster, who succeeded Paul Hoffman as Marshall Plan boss, "the choice might well be guns... but between bread and guns there can be no choice. Factory workers, no less than soldiers, march on their stomachs. There must be bread-and-guns."

The "great debate" over food and farm price controls is due to become hotter before any hard and fast decisions are reached.

Consensus of observers here is that any ceilings finally placed over farm prices won't be less than parity. The farm bloc will continue to battle any move to change the present law, passed late last summer, which prohibits ceilings on farm products below parity, or the best price between last May 24 and June 24, whichever is higher.

Although feeling of farm leaders

is that the parity line can be held, there is less certainty that the May 24-June 24 part of the law can be kept on the books. This provision permits some prices... notably those for beef cattle and lambs... to rise well above parity.

Latest USDA figures show that farm prices have increased about 23 percent in the past year. Increase in retail cost of foods since Korea has been 16 percent. Although this has prompted public criticism, these facts are often ignored by those who belabor the farmer for high food costs:

(1) Some of the increase in retail food charges is attributable to boosts by wholesalers, retailers, and processors.

(2) Of 32 farm commodities listed by USDA in a recent price report, only 9 were at parity or above while 18 were less than 90 percent of parity.

Developments that can be expected in the price control battle include these:

(1) Considerable delay in any action to impose controls across the board, over all farm commodities, but perhaps early action to prevent increases in meat prices.

(2) Intensified action by farm bloc congressmen and senators to divert criticism for high food prices from the farmer to middlemen.

Ceilings on the price of some meat animals is already being accepted by a few farm leaders. Beef cattle ceilings at about \$32.50 are predicted for good grade, Chicago basis. Hog ceilings probably would be about \$20.

Livestock producers, up against the threat of ceilings, pleaded recently with stabilization officials for a chance to increase production... by 12 percent in the next two years, 25 to 30 percent within 3 to 5 years.

AFTER HOURS

by Mary Cox



Meat packers backed up their arguments.

Livestock and meat controls, however, may come. Price Administrator DiSalle said producer and packer arguments "didn't change the picture"... but added no decision has been made on "if, when or where" livestock and meat controls will be announced.

USDA officials are not advocating ceilings on meats or other farm products now, but neither do they back up producer estimates of production potentials. They fear the estimates are too high... that feed production can't be increased that much.

Mexico is exerting strong pressure on the U.S. to do the foot-and-mouth disease vaccination program over again... pour millions into the land of hot tamales.

Mexican Undersecretary of Agriculture Oscar Flores led a delegation to Washington recently to persuade USDA that an emergency situation exists as a result of a new outbreak in one locality and affecting fewer than 60 animals.

USDA reaction was against another general round of vaccinations... and that will stand as a flat "no" unless overruled by the State Department.

Action is already under way in Congress to shift the blame of food costs from farmers to middlemen. Senate Agriculture Committee Chairman, Allen Ellender, Louisiana Democrat, charges that food processors, wholesalers, and retailers are "gouging" the housewife by taking bigger markups.

Ellender plans to promote a committee study which would compare present markups with normal peacetime profits. He thinks results of such a study would cause the public to police food prices in the stores, and save the government high enforcement costs.

CONCHO HEREFORD SALE AVERAGES \$1,000 A HEAD

AN AVERAGE price of \$1,000 per head was paid on 59 animals at the fourth annual Concho Hereford Association sale in San Angelo, on January 6.

Bull prices jumped 40 percent over last year's level. Average on bulls, 52 head, was \$1,018. Last year bulls averaged \$733.

Seven females this averaged \$865 compared with \$502 last year.

The overall sale average climbed from \$666 in 1950 to \$1,000 in 1951.

Top price of \$2,275 was paid for Star Domino 166th, consigned by Libb Wallace and Son of Sonora, and purchased by C. N. Deaton of Gordon.

The champion bull, True Mold Lad, consigned by C. T. McClatchy and Sons of Bangs was also purchased by Deaton at \$1,810.

Kenneth Smith of Marfa paid top female price of \$1,650 for another Libb Wallace and Son consignment, Miss Star, the champion sale heifer.

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Finewool Sheep Basis for the United States Sheep Industry

By D. S. Bell, Secretary,
American & Delaine-Merino Record Association

CRITICAL SHORTAGE of Merino sheep as basic breeding stock for commercial sheep production, and inadequate domestic and world supply of wool at this time of acute need, set the theme for the 45th Annual Meeting of the American & Delaine Merino Record Association, held at the Southern Hotel, Columbus, Ohio, on January 11.

Finewool breeders across the Nation, depending more on the returns from sale of wool than do meat-sheep breeders, were all but "squeezed" out of business during the last war period through certain aspects of the then prevailing wool policy. Someone, somewhere, either didn't know or forgot that finewool stock is the foundation of commercial sheep production and, as a result, the United States all but lost its sheep and wool industry. Well toward twenty-five million sheep were eliminated. Not all of them were Merinos, but most of them had 25 percent or more of finewool breeding in their make-up. The wool from such a number now would be sufficient to make a suit of clothes for every man and a dress for every woman of our population.

Seed Stock Scarce

The past is past; the first step in rebuilding is to restore the finewool

stock and, from that base, restore the sheep industry of the Nation as rapidly as possible. Fortunately, there were some long-sighted, persevering men who — knowing that a type of sheep like the Merino, which had stood the test of time for over 2,000 years or more would come back — had kept their flocks. Offers of anywhere from \$1.15 to \$1.50 per pound, for wool, now justifies their faith. The scarcity of Merinos, however, is reflected by the fact that two or three breeders at the meeting were seeking to fill carload orders for registered ewes. At last report they had not succeeded. There are some scattered small lots of registered Merinos here and there, which may be bought, but even such small lots are far fewer than usual.

New Interest in Registered Sheep

Another index of the trend is the number of requests which have come in from breeders who dropped registrations, but now seek to re-establish their flocks on a registered basis. Ewes up to seven years old have been submitted. There are some flocks of outstanding merit, too, on which the registrations have been allowed to lag too long or which were neglected. Considering this situation, and the requests, the Association re-activated its long-standing, but recently unused, provisions for bringing such sheep into the records. This is not a loose program to gain number. There must be affidavit or other proof of purity of breeding, and the sheep themselves and their production record will be subject to careful scrutiny by the Pedigree Committee and the Executive Board. If there is proof of pure breeding and also a good possibility of such sheep contributing genes for inheritance which will not lower the present high standard of germinal constitution of the breed, they are candidates for consideration.

Few Ewes Transferred

President Krantz of Dover, Ohio, and the Secretary reported that the Association, through its history, has now registered 342,735 purebred Merino sheep. Twenty-four hundred and twenty-four flocks have contributed this number. Registrations for 1950 are up about one-third over the previous year. Four hundred and sixty-one transfers have been issued up to date on 1950 sales to registered flocks. Not many ewes have changed ownership this past year. The Secretary noted that registrations of 1950 lambs were principally for ewe lambs, with about 30 of these for each ram submitted. Ram registrations will come later when rams are sold as

yearlings and each buyer indicates his need for the Certificate.

Merino Lead in Early Shows

A committee at work, consisting of Arthur Preston, Geo. W. Deeds, and Dale Strong, is reviewing Fair Classifications as they now stand. There was talk, too, of trying to institute some new features into the show-ring activity which would reflect the use of Merino sheep in commercial sheep production. It isn't common knowledge, perhaps, but the practice of showing sheep was introduced by Merino breeders. In 1806 Elkanah Watson persuaded Colonel Humphrey and David Livingston to exhibit some Merino sheep at the Pittsfield, Massachusetts Fair, for the purpose of interesting neighboring farmers in better livestock. This single purpose for holding Fairs still exists. However, showing them as we do, mostly on the basis of purebreds, doesn't preclude the possibility that the base can be broadened to show the results which the commercial breeder also achieves. Some Fair authorities have expressed an interest in the possibility of developing such a program; one which brings the commercial ewe and her production record onto the tankard.

Type Being Studied

More and more there is thought being given to adaptation of types and systems of breeding as a fundamental (Continued on page 52)

FOSTER JOINS VICKERY IN GRASS SEED BUSINESS

DAVE FOSTER, formerly a Zone Grass Nurseryman for the U. S. Soil Conservation Service, is now associated with Oscar Vickery in Uvalde in the grass seed business.

A native of Missouri, Foster was graduated from Missouri Wesleyan College with a major in botany. He did graduate work at Oklahoma University and taught in Oklahoma City. Today he is rated as one of the outstanding pasture botanists in the country, and is credited with popularizing and disseminating KR Bluestem.

Most of the acreage of the concern will be devoted to KR Bluestem, but Foster and Vickery are increasing their acreage of Angleton grass, having planted some 200 acres in 1950.

"Some things we will be looking for," Foster said, "will include a perennial legume that will yield some tonnage. Spear grass is all right for cows in years of above average rainfall, but when the rancher needs it most it does not come. Sheepmen object to Spear grass, and the seed are hard to handle." Although they do not plan to carry on any plant breeding work they do plan to do some selecting for improvement of the various grasses.

Foxtail Johnson Objects

REMEMBER THE feller that could straddle a fence, keep his shoulder to the wheel and his nose to the grindstone and his back to the wall and his ear to the ground and his eye on the ball all to once? He's just the man we need to show us what to do now.

Yeah, I et blackeyed peas for luck on New Year's. My rabbit foot, my four-leaf clover and my old Injun arrowhead could sure use a bit of help.

My one New Year resolution is never to say nothin' unkind about nobody, less'n somebody's listennin'.

All the Christmas stuff is busted now. The 'lectric kitchen gadget presents my wife got. The Sears Roebuck presents the kids got. The Kress presents I got.

I was sent three neckties that's plumb useless. Not strong enough for me to hang myself with and not jazzy enough to scare me to death.

Us folks here in Hardscrabble have got more reason than anybody to dread communism. Just the thought of switchin' from squawberry cordial to vodka gives us the shakes.

Ringtail Skump says it ain't fair. Nobody never sung no songs about his red nose, and he went to a blame sight more trouble to get it painted than any dang raindeer ever did.

It takes more'n cars, tractors, chooches and airplanes to scare a hoss nowadays. It takes at least a scrap of paper blowin' acrost the road.

Mrs. Poke Easley is forever tryin' out sujestions from the wimmen's pages of the Sheep and Goat Raiser. Poke's gonna try one of the sujestions out of the other pages, soon as he runs acrost one that don't take no cash nor effort.

It's sur a comfort to have the prices of automobileels rolled back. I won't have to pay no more for the car I can't buy this year than for the one I couldn't buy last year.

Yep, the dudes is decked out wilder'n fiercer than ever. Last season they scared the natives, the hosses and the kiotes. This season they scare each other.

No use to fret about where our country's goin'. It ain't goin' nowhere. It's bein' took.

Ain't no air nor water on the moon. If people lives there they have to get along with nothin' but alcohol to drink and nothin' but smoke to breathe, just like a lot of us try to do down here.

Young folks hereabouts ain't rushin' into matrimony like they used to.

They shiver at the brink and then pull back because divorce has got to be so awfully expensive.

Cousin Mudcat is mighty sore about some of the gossip goin' around about his charickter. He says he can prove that he never violated a parole in his life.

Clab Huckey always bragged that he treated his dogs just as good as he treated his family. Finally he got arrested for crooly to animals.

Maybe it'll ease my consunche a bit if I can stick around long enough to see my grandchildren worsen the mess I helped to make.

Nope! You can't take it with you. There's 11,547 tax collectors'll see to that.

Yankee mishunaries learnt a few hundred Chinese to pray. Rooshan mishunaries learnt a few million of 'em to shoot.

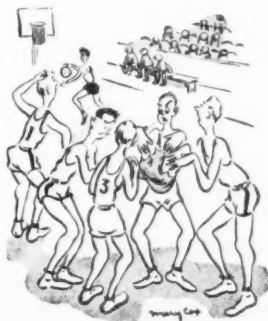
Well, yes, things may be a mite outa balance in Texas. More dude ranches than dudes. More radio stations than receivin' sets. More rodeo actors than cowpokes. More coon dogs than coons.

Our county farm buro wants us country folks to give the Red Cross all the blood we can spare. We've already give up more'n that to the tax collectors.

I always laugh at Gabe Horsfall's jokes. They're never funny but his idee of what a joke is — that's a scream.

Maybe the Confeds didn't lose the Civil War after all. Nowadays their money'll buy just as much as anybody's.

I'm at that happy stage of life when I make enough to buy everything I really want. Buyin' everything my wife wants is somethin' else again.



"This isn't the ball — it's damn bubble-gum!"

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New Weed Menaces Western Rangeland

A FAST spreading, poisonous weed, halogeton (pronounced haloGEEton) now imperils livestock on the rangelands of six Western states and might

spread, writes Ivan Watson, extension husbandman at New Mexico A. and M. College.

Halogeton, a close relative of Rus-

sian thistle, has spread from Elko County, Nevada, where it was first noted about 15 years ago, to Idaho, Wyoming, Utah, Montana, and California. How this plant, native of the Caspian Sea region, made its entry to the United States is not now known.

The weed brings sudden death to sheep and cattle feeding on it in late fall and winter when other forage is not available. Oxalic acid, the poisonous substance in halogeton, combines with calcium of the blood serum. From a half pound to a pound and a half of the weed, dry weight—depending on the size of the animal—will kill a sheep. Smaller amounts cause loss of weight and abortion.

An annual, halogeton grows most abundantly on bare soil. Destruction of other plant cover opens the way for the weed's invasion. In the Western range country it has moved first into the trails, roadside ditches, sheep bed grounds, and similar areas where there has been little other plant competition. From there the invader has swept into burned and overgrazed range lands. It is now established on more than a half million acres and spreading rapidly.

A desert plant, the weed is widely adaptable. Although most vigorous in alkali soils of the lower flats and sage brush areas, the pest tolerates a variety of soils and thrives high in the juniper forested mountains at about 5700 feet above sea level.

The halogeton plant has a high water content and an unusually large root system for its size. Three-inch seedlings may have a 14-inch root spread. The seedlings start growth late in the spring. Both large and small plants begin producing pearly red to purple blooms in July and continue to flower through August.

Then begins an avalanche of winged seed that cover the surrounding land, and scoot over the snow or ride the winds to spread the weedy pest far and wide. Where there is no other plant cover, halogeton blankets the land.

What can science do to halt this menace? Chemical treatments on a large scale are impractical, as the cost is too high. Present findings demonstrate that even though the chemicals kill the weed one year, they will not prevent its return next year where seed have been distributed, if there is no other competitive soil cover.

The long term hope for control, says Watson, rests on the fact that halogeton competes poorly with other plants. In Nevada, it has not been able to invade good stands of crested wheat grass. Whether the grass can crowd out the weed in other areas remains to be determined. Even unpalatable cover such as cheat grass is preferable to halogeton. To replace the poisonous weed with crested wheat grass would return thousands of acres of land to productive range. In one place where this has been tried, productivity was increased forty-four fold.

Occasional brushing inside and out helps to keep wool clothes in good condition.

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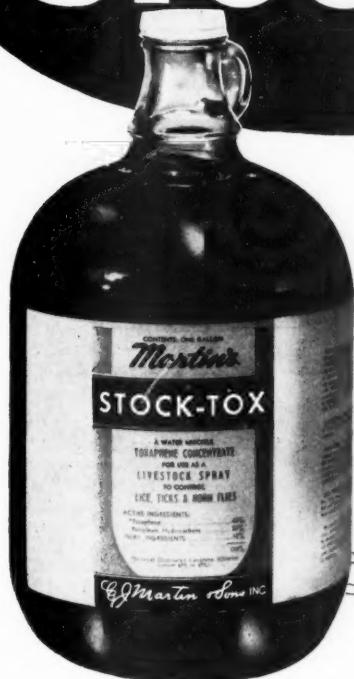
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**Relation of Livestock
Nutrition and Health
To Range Forage**

By R. W. Colby, Assistant Professor
Department of Biochemistry and Nutrition
Texas Agricultural Experiment Station
Texas A. and M. College System

THE VALUE or need for supplementary winter feeding of cattle and sheep varies from year to year — directly as the range condition varies. In years when there is adequate rainfall and there is ample forage on the range, the need for supplementary winter feeding is not great. In dry years, however, it is most important that we give close attention to the winter feed of our livestock. In this article, the individual nutrients will be discussed separately.

VITAMINS

At the present time there are twenty or more known and postulated vitamins. Cattle and sheep, however, are fortunate — they possess a rumen which contains many kinds of microorganisms and bacteria.

These microorganisms have the ability to manufacture all but about two of these vitamins.

The swine and poultry feeder must pay close attention to the vitamin content of the ration they feed their animals. Each year, there is an outlay of untold amounts of money to be sure these vitamins are included in swine and poultry rations. With rations of even just "fair" quality, the microorganisms of the cow or sheep do a good job of manufacturing vitamins. These microorganisms, however, are not able to manufacture vitamins A and D. Vitamin D is known as the "sunshine vitamin." In areas of high rainfall and long periods of cloudy weather, this vitamin is sometimes a problem. With range animals, however, that are out in the open all year round, this vitamin is almost never a problem.

Vitamin A is the critical vitamin for cattle and sheep. This vitamin is associated with the green color of plants. While the green color of plants is not vitamin A (or more correctly — carotene), it is a good index of vitamin A potency. A good green colored plant is usually high in Vitamin A potency while one that is bleached and weathered has usually lost most of its Vitamin A potency. As a result, the winter range forage is usually low in this vitamin.

Old Mother Nature took this into consideration when she "designed" the cow and sheep. She realized that these animals would usually have green feed only during the summer and just dry bleached forage in the winter. So she designed these animals to store extra amounts of this vitamin during the summer for use during the following winter. These animals are able to store large quantities of Vitamin A in their liver. In a normal year, therefore, the cow and sheep build up adequate reserves of this vitamin to tide them over the winter period.

But what about the dry year, when the range grasses dry up early in the summer and there is only a short period of time when green feed is available? Under that condition the cow and sheep are unable to build up large reserves of vitamin A and, hence, their supplies are depleted before the winter is over. This depletion will cause the animals to become "night blind" or even totally blind.

They may abort their young, or, at best, give birth to weak or dead young. The males will become sterile. The resistance of the animals will be lowered, and they will be more susceptible to diseases, infections and parasites.

But what can be done to prevent deficiency symptoms? The best method is to supply the animals with some good, green leafy hay during the winter. For cattle, five pounds of green leafy alfalfa hay, fed twice a week, will furnish enough vitamin A potency to tide the cattle over. For sheep, since they are smaller, less hay will be required. This method of alfalfa supplementation is usually one of the best and most economical methods of guarding against a deficiency of vitamin A.

MINERALS

There are at least thirteen different minerals now known to be essential for livestock. Fortunately, our farm feeds will supply most of these minerals. There are only about four that are a problem with cattle and sheep. These are calcium, phosphorus, sodium and chlorine. Sodium and chlorine are furnished in the form of common salt.

All ranchers now realize the necessity of supplying their animals with salt. The free choice feeding of either block or loose salt will take care of the requirements for this mineral. In the northern part of the United States, iodine is deficient and iodized salt must be fed to prevent goiter in farm animals and humans as well. In this state, iodine is present in adequate amounts in the soil and need not be supplemented.

Calcium and phosphorus are quite a problem in Texas, especially phosphorus. In the high rainfall, acid soil areas of east Texas, calcium and phosphorus are both needed. Steamed bone meal is one of the best supplements that can be used to supply both calcium and phosphorus. Since the animal uses these minerals primarily to build and maintain their bones, bone meal is an ideal source. In addition, the pregnant cow or sheep uses these minerals to build the skeleton of their young — so it is important that they have a good and constant supply of these minerals. Also, after parturition, the mother

animal needs these minerals for milk production. Without an adequate supply, milk production will soon slack off. The young, rapidly growing animal also needs an abundant supply so it may develop good strong bones.

In the limestone soil areas of West Texas, the plants usually contain adequate calcium and only phosphorus is a problem — in addition to salt. In these areas, the sodium phosphate dissolved in the drinking water, or

supplied in most any other manner, is satisfactory.

Remember, an animal will eat no more minerals than they need, so when the animals are used to receiving salt and minerals, it is safe to feed them free choice.

By and large, complex mineral mixtures are not necessary. Research to date published in a number of bulletins by the Texas Agricultural Experiment Station indicates that only the above mentioned minerals are need-

ed, hence, it is a waste of money to feed expensive complex mineral mixtures, and may even be harmful to the animal.

PROTEIN

The animal uses protein to build and maintain body tissues. Accordingly, a constant supply is required.

In the spring, when the young grass is growing fast, it may contain 20-30 per cent protein on a dry matter basis. During this season, the pro-

(Continued on page 44)

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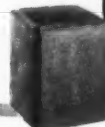
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RANGE FORAGE

(Continued from page 43)

tein requirements of the animals is more than met. As the plants mature, however, the protein content decreases; as the plants weather and bleach, the protein is reduced still further, until, as a result, the supply will not meet the requirements of the animals. Then a protein supplement is needed. In Texas, cottonseed meal or cake is the standard supplement. Two pounds per head per day fed to a cow, in addition to her forage, will fulfill her protein requirements. A quarter to a third of a pound per head daily will meet the requirements of the sheep. If the rancher is feeding alfalfa hay to his animals twice a week, additional protein is not needed on those days. Five pounds of good quality alfalfa hay will supply as much protein as two pounds of ordinary cottonseed meal.

ENERGY

One of the greatest diseases prevalent among range animals is "hollow gut" or just simply "lack of feed." A one thousand pound mature pregnant cow needs nine pounds of digestible nutrients daily, according to the National Research Council. This re-

quires 18 to 20 pounds of range forage to supply this much digestible nutrients. Two pounds of cottonseed meal will furnish about 1.6 pounds of digestible nutrients, leaving over seven pounds to be furnished by the range forage. This still requires the cow to eat 14 pounds of dry forage. This represents quite a lot of forage. All too frequently the range is not of sufficient quality to permit the animal to consume this much feed in one day. No hard and fast rules can be laid down here. It is up to the judgment of the rancher to look over his range and to view the condition of his animals and see whether additional energy is required. If the animals are going "downhill" and the rancher wants to maintain their weight, he may feed any one of a number of feeds. Good hay is frequently a cheap source of feed — perhaps he has grain available at reasonable cost. It makes little difference what energy sources are used as long as the animals are maintained.

In summary, the nutrient requirements of cattle and sheep are simple compared to poultry and swine. The problems of the cattle and sheep rancher are much less complex than those of other livestock producers, but good judgment and a trained eye are both needed for profitable livestock management.

MESQUITE

(Continued from page 17)

experimental stage, is the airplane application of 2/3 pound of acid of a low volatile ester of 2,4,5-T in one gallon of diesel fuel and three gallons of water. From experimental airplane applications in 1949, 98 percent of the topwood was killed to ground level and 45 percent of these plants showed no basal regrowth 18 months later. The sprout growth that did occur, for the most part, was short, spindly and showed abnormal development. From these studies and others made in 1948, retreatment likely would not be necessary for 5 to 10 years.

The season of treatment is probably the principal factor influencing the effectiveness of 2,4,5-T when applied to the foliage of mesquite. The most effective kills have been obtained when plants had reached the first heavy foliage stage, which is approximately 40 to 90 days after the first leaves appear in the spring. Treatments during this period will usually also give excellent control of most range weeds. Applications made either earlier or later have been much less effective or even ineffective on mesquite and gave little or no weed control. Other factors that appear to be associated with highly effective kills of mesquite are (1) an abundance of soil moisture at least 3 weeks before the treatment, (2) maximum temperatures above 70 degrees and (3) other conditions that promote rapid and succulent growth.

The most desirable type of airplane spraying equipment used in these tests was one that distributed the spray solution in coarse droplets. The larger droplets not only gave more effective kills of mesquite, but showed much less tendency to drift. In the amounts used to kill mesquite, 2,4,5-T is not toxic to livestock and native grass plants. This material, however, even in trace amounts, will damage highly susceptible crops like cotton, alfalfa, clovers and many other economic crops. Extreme caution must be exercised when susceptible crops are grown within several miles of the area that is to be treated with 2,4,5-T. The use of low volatile esters of 2,4,5-T, with experienced operators that have the proper type of equipment, should reduce greatly the hazards of this chemical when used to control mesquite.

Ranch-type experimental tests in 1950 on 26 ranches and farms throughout the mesquite belt in Texas indicate that 2,4,5-T is superior to combination of 2,4-D and 2,4,5-T or 2,4-D formulations. Under favorable conditions, excellent control of mesquite appears to have been obtained. However, more time must elapse following the treatments to permit drawing definite conclusions.

The cost of airplane application together with the chemical will probably range from \$3.25 to \$3.75 per acre, depending upon the facilities available, such as landing strips, water, and the distance to the area of application. The flagmen will be furnished by the ranchmen in most instances.

Ground equipment has shown some

value for control of sprout growth when 1 pound of acid of 2,4,5-T ester is used in 50 gallons of water and enough of the solution is used to wet thoroughly the foliage of plants 3 to 5 feet tall, during the heavy foliage stage in the spring. For large tree-type growth or in dense thickets, ground application equipment has generally been ineffective and rather costly.

Another method of control that can be used on large areas is known as chaining or cabling. Two heavy-duty crawler-type tractors are run parallel to each other about 100 feet apart and drag a loop made up of 300 to 400 feet of 1½-inch heavy-duty anchor chain or steel cable. This treatment is often highly effective for the control of large trees that are easily uprooted. On many-stemmed mesquite, chaining destroys the top growth but seldom destroys any of the roots and vigorous sprouting takes place within a few months. Properly used, cabling or chaining in combination with other methods may well reduce cost of clearing mesquite. The cost of chaining mesquite varies from \$2.00 to \$6.00 per acre.

The heavy duty rolling cutter shows limited promise for the control of brittle brush and sprout control on small areas but appears too costly for the control of any sizable

acreage of mesquite. The brush or root plow is useful for clearing land for cultivation but the operation is too expensive for control of mesquite and often results in almost total destruction of the grass cover.

The broadcast or swath treatments are best suited for the control of relatively pure stands of mesquite. Under conditions where several kinds of brush grow in close association, caution should be used in carrying out

a practice that shows effectiveness on only one or two species and actually promotes the growth of other undesirable species. This is especially true of chemical treatments and cabling or chaining.

Benefits of Mesquite Control

The ease of handling and caring for livestock on areas cleared of mesquite brush probably represents the greatest benefit to livestock raisers. Nevertheless, grazing trials over a

5-year period show that the removal of moderate stands of mesquite increased steer gains an average of 29 pounds per head. During the last three years, steer gains were increased 29 percent over brush pastures and in 1948, a very dry year, gains were 43 percent higher on the cleared pastures. The grass cover on the cleared pastures improved markedly in the composition and density of the more desirable species.



Chaining or cabling mesquite often gives effective control especially when large trees predominate. Double chaining many-stemmed mesquite seldom destroys many of the plants but does temporarily open up the country.

42nd Anniversary

**42 Years
of Service
To
West Texas
Feb. 1909 --
Feb. 1951**



We have furnished your building materials and supplies the last 42 years . . . and we hope to furnish the same type materials and service for the next 42 years. We appreciate all the good people in the western section of Texas who have con-

tributed to the welfare of our business. It is with humble gratitude that we say, "Many Thanks!"

If you need anything in building necessities, come to see us.

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W. E. CALDWELL, Secretary-Treasurer

Letters

INTERESTING AND INFORMATIVE

December 2, 1950
WHEN I took the book on **Practical Grassland Management** the other afternoon, I thought that I would designate a time for reviewing this book. That afternoon I took the book home

with me, and picked it up after supper, and before I had laid it down I had read over half of the book. Not only is this book a very scientific one, but it is written in such a style, and includes so many practical illustrations and discussions from all sections of the South that any southern student will not only find it instructive but very delightful reading.

I was particularly impressed by Chapter IX, Johnson Grass; Chapter XII, Why Animals Graze As They

Do; and Chapter XIII, Grassland Conservation Is Profitable. I have found that Johnson grass grazing from early spring until frost has proved to be one of the finest projects I have ever followed in Central Texas.

Usually during the spring and summer I move my cattle from the hill country in Hays County to the Johnson grass fields. Not only does this give my grazing land a very fine rest during the growing season of the grasses, but the open fields are not

infested with the gray horse flies, horn flies, and other parasites that exist in the hills. Screw worm cases are found and handled much easier in the open fields than in the skirted live oak mot country. The review given on the cafeteria style of animal feeding is identical to what has been discovered during the past few years at Ames, Iowa. Two years ago when I was in that section for two weeks I discovered that they were feeding their beef cattle on this experimental basis, and it was proving a faster gain and a cheaper operation. Shelled corn was in abundance in separate troughs. Molasses was in still another trough. clover hay in the racks, minerals and salt in still another separate feeder. The attempt on the part of man to grind and mix feeds for a balanced ration to animals is not as scientific as allowing the animals to select their own quantities of different feeds. They were feeding chickens on the same basis.

BRYAN WILDENTHAL
President
San Angelo College

MISMANAGEMENT

December 31, 1950
OUR GRAZING states have so deteriorated under mismanagement through the years that our young ranchers really have a battle on hand to build back productivity of the ranges.

POWHATAN CARTER
Roswell, New Mexico
(Two copies of "Practical Grassland Management" ordered. Thanks.)

LIKES BOOK

HAVING purchased several copies of **PRACTICAL GRASSLAND MANAGEMENT**, I have found it to be an appreciated gift. Enclosed is \$5.00 check to cover the cost of another book.

REX KIPP, Manager
John T. Muir Ranch
Lordsburg, New Mexico

C. J. BLAIR LEASES CISCO RANCHLAND

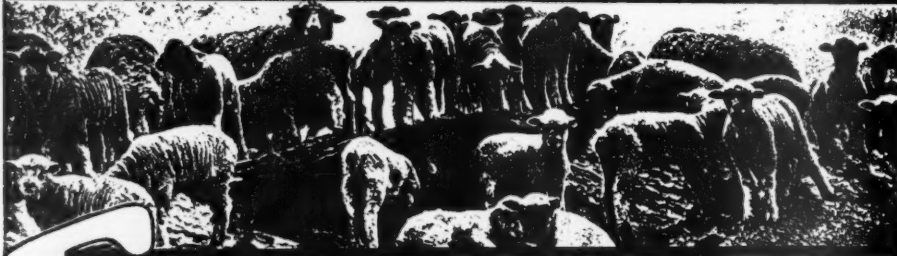
C. J. BLAIR of Van Horn has turned back his lease at Van Horn to Allison Yates and has leased 6-sections four miles from Cisco. He had been on the Yates ranch 4 years. The new lease is for a period of 5 years from Elmer Huff.

Blair purchased from Huff about 300 Hereford cows, 3-to-6-year olds, at \$200 a head; and about 1,200 head of good-age Angora goats at \$12 a head, in the hair.

The ranch was not stocked last year so grass is good. Blair plans to move some 200 yearling cattle, 17 horses, 150 goats and a few sheep from the Van Horn lease.

Willis Burke of Mertzon sold 1,000 old Rambouillet ewes, ranging in age from 2-to-4-year olds, to Russell Hays and E. B. Pinson of San Angelo. The ewes were sold in the wool. O. K. Harkey of San Angelo arranged the sale.

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Free CATALOG



Texas Delaine News

By Lester D. Lohman

WELL, as one feller said at the Buchanan Dam, we want a full report from the President of the Association. Well, here it is.

The Directors and their families gathered at the Buchanan Dam on January 4th, for the winter directors' meeting. With the exception of Raymond R. Walston, who is serving with Uncle Sam's armed forces, every Director was present. This was the best attendance that the Association has enjoyed in a long time. Maybe the VERY pleasant weather was the reason. Guests at the meeting were A. Price, E. Crow, Joe LeMay, and Hiram Phillips, Editor of the Sheep and Goat Raiser.

I called the meeting to order in the afternoon and the discussion of the coming show and sale was the first order of business. Prior to this meeting the show rules committee had worked on a set of show rules that were presented to the meeting as a whole. The invitation of the Coleman Board of City Development and the Breeder Feeders Association to have our annual show sale and meeting at Coleman was again accepted unanimously.

The next show, sale and meeting will be held the latter days of June or the beginning of July. The exact dates will be determined by the show and sale committee. The sheep again will be sold thru the auction ring. Now is the time to start fitting the sheep and getting them in show trim. Considering the price of Delaine wool, rams are going to be at a premium and hard to find.

Permanent Winter Site Selected

To begin with, the first business was the selection of the Buchanan Dam for a permanent site for the winter directors' meeting. This invitation to use the facilities of the administration buildings and all accommodations was extended to us by Max Starke, General Manager of the Lower Colorado River Authority. We thank you, Mr. Starke.

Rules

Now for the rules of the show and sale for the coming year. This year every one will know far enough in advance just what will be allowed in the show and sales ring, and can fit his sheep accordingly.

- 1st - Each breeder will be allowed to enter and sell up to and including 10 rams and 5 ewes.
- 2nd - Only yearling, 4 tooth and 6 tooth sheep will be allowed on the grounds. To further explain there will be a class for ewes and rams of yearling age. There will be a class for sheep with 4 big teeth and there will be a show class for rams and ewes with 6 big teeth.
- 3rd - All sheep will have to pass thru the Auction ring.
- 4th - Entry fee per head will be \$1.00.
- 5th - There will be 5% commission

on all sales and P.O.s.

- 6th - All sheep must carry at least 6 months wool.
- 7th - Entry fee money will be used for premium awards.
- 8th - Sheep will be sold in breeder Rotation. In other words, every breeder will bring a sheep into the sales arena before the first man is allowed to bring in his second sheep.

There will be a breeder judge. This rule was adopted last year and is a permanent fixture in the Association records. This judge will also be selected by the show and sale committee.

A gold trophy will be awarded the Champion winners. The purchasing of the trophies was finally turned over to me and I have secured the trophies for this year and they are now in my possession as well as the trophies that are due from last year. These trophies that are due Owen Bragg for Champion C type ram; Joe LeMay for champion C type ewe and both champion B type trophies that are due W. E. Grimes will be in their possession long before this article is published. All that I am waiting for is the engraving.

The Secretary of the Association, George Johanson of Brady, reported that registrations were coming in very heavy, with also a record number of transfers. Seems every one is looking for Delaines with very few offered for sale.

This just about concludes the news of the association meeting. That evening, after the meeting, a bountiful supper was served to all breeders present. It was enjoyed by all. The only sad part was the news that Mrs. G. A. Glimp was in the Burnet hospital with a severe case of flu. We all hope that she is well by now.

Drouth

Seems that the main topic of discussion was the drouth and the high price of feed. Every one was agreed on these discussions. The high price of feed will be a large factor in determining the cost of rams to the purchaser this year. It takes money to produce a top ram this year and if you want a ram, you had better start looking early. I brought a ram home from the Clyde Glimp flock.

While up in that territory, this reporter and friend Clyde Glimp went and spent a short time with Mr. and Mrs. Joe LeMay and took a look at his fine flock of Delaines. Joe is taking care of his sheep and he has some tops. It will take extra good sheep to compete with him. If Joe had the time he would offer strong competition in the spring shows, but he says that he will not have the time to make them. His whole flock looks tops and he has some very exceptional individuals that he is fitting for the show ring. So look out boys. Joe may again take some trophies home.

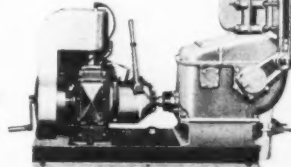
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Sheep and Lambs On Feed

THE NUMBER of sheep and lambs on feed for market in the United States on January 1 this year was 6 percent less than last year, the Bureau of Agricultural Economics has reported. The number on feed is estimated at 3,440,000 head or 204,000 head less than last year and the smallest number on feed since 1920. Nebraska, the leading lamb feeding state this year, shows a sharp increase in feeding, due largely to the late

season shift of lambs from Kansas wheat pastures. However, lamb feeding in nearly all other important states is below last year. A few scattered states show increases, but the number of lambs involved is relatively small. Wheat pastures in the Great Plains deteriorated sharply during the past six weeks and lambs have been shifted rapidly to other feeding sections.

In the 11 Corn Belt States the num-

ber on feed is estimated at 2,186,000 head, a decrease of 4 percent, or 86,000 head, from last year. Excluding Nebraska, Illinois and Indiana, lamb feeding in all other Corn Belt States is less than a year ago. Feeding in Nebraska is 50 percent above last year, while in Illinois the number is 5 percent larger. In Indiana the same number is estimated on feed this year as last. Elsewhere in the Corn Belt, reductions are as follows: Michigan, down 4 percent; Wisconsin, down 5 percent; Iowa, down 6 percent; Ohio, down 10 percent; South Dakota, down 20 percent; Missouri, down 25 percent; Minnesota, down 27 percent and Kansas, down 33 percent.

Shipments of sheep and lambs into the 11 Corn Belt States during the months July-December 1950 were 16

percent above 1949. All of the increase occurred in Iowa and Nebraska, with a very heavy movement into Nebraska during December — mostly from Kansas wheat fields. The December in-shipments into Nebraska greatly exceeded the previous high for the month, and the July - December movement into Iowa was 26 percent larger than a year earlier. All other Corn Belt States show reduced receipts of feeder lambs during the July - December period. In the Corn Belt, many feeder lambs were received early and marketings of fed lambs were relatively heavy before Jan. 1.

The number of lambs on feed in Colorado, the leading western feeding State, reached a new low in 40 years of record and is 20 percent below last year. All feeding areas in Colorado show reductions with northern Colorado contributing the greatest share. It is estimated that 325,000 head are on feed in northern Colorado compared with 420,000 head last year. In the early thirties, Colorado fed around 1½ million head. Lamb feeding in California is slightly below last year, with a sharp reduction in northern California. Somewhat more lambs are being fed in the Imperial Valley than last year, but the number is less than in several previous years. In the irrigated North Platte Valley of western Nebraska and southeastern Wyoming, more lambs are on feed this year than last, due chiefly to the late season shift from Kansas wheat fields. Lamb feeding in the Central Platte Valley of Nebraska is on a much higher level than last year. Five of the Western States show marked increases in lambs on feed over last year, but in all cases the level of feeding is substantially below previous years. The remaining Western States all show decreases ranging from 7 to 33 percent.

TEXANS PURCHASE NEW MEXICO LAND

THE RED Lake ranch composed of 120,000 acres, 75 miles southwest of Albuquerque, New Mexico has been sold to A. L. Wasson of Big Spring and R. J. Carter of Midland. Purchase was made from Harris Eastham and R. L. Walker of Fort Stockton. The two men combined their holdings, which comprised the original Red Lake Ranch to make the sale.

Eastham bought the land in January, 1950 and his interest comprised 61 percent of the sale.

Preliminary figures for November indicate that average value per acre for farm real estate in New Mexico rose eight points since July, using the period 1912-1914 as a basis. Until July, land value had been dropping. In March, 1949, land values in New Mexico were 193, compared with 100 for the 1912-1914 period. In November, 1949, values dropped to 190 and in March, 1950, to 188. Land values for the United States as of November, 1950, were only 79 points higher than the base period, while those in New Mexico were 95 points higher.

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"PIERCE RAMBOUILLETS SOLD FOR THE HIGHEST AVERAGE IN THE
1949 SAN ANGELO SALE — OVER \$35.00 MORE THAN THE NEXT
HIGHEST AVERAGE"

RAMBOUILLETS LEAD SHEEP ENTRIES AT SAN ANTONIO

OFFICIALS of the San Antonio Livestock Exposition and Rodeo Feb. 16-25 are anticipating another record breaking show with approximately 4000 head of livestock entered in the open and boys' shows.

The success of the 1950 show coupled with the \$53,000 in premiums, \$7,000 more than the 1950 total, has drawn breeders from over 200 Texas communities, twenty states

Entries for the Quarter Horse Show and the Cutting Horse Contest are still pouring into the livestock show office with the deadline date set for Feb. 15. Horse show premium list is available from James F. Grote, secretary-manager, P. O. Box 1746, San Antonio.

FFA and 4-H Club members have entered better than 1330 head of steers, dairy heifers, fat lambs and fat pigs in the boys' division competing for \$7860 including breeding association specials.

Livestock entries are from 30 to 33 per cent higher this year over the 1950 total, according to Mark Browne, chairman of the livestock committee.

Largest section of competitive livestock is the breeding cattle division with 429 bulls and 439 females vying for \$23,000 in prize money.

Fat barrow classifications exceed the 1950 show with 903 entries in the open and boys' classes compared to 550 last year.

The sheep, goat and fat lamb show doubled their 1950 total with over 1159 head entered in the open and boys' division for a combined premium of \$6781.

Newest class included in the San Antonio Livestock Exposition is the Milking Shorthorns, with 56 entries competing for \$1000.

In the sheep and goat division, Rambouillets took the lead with 118 entries. In the other breeds, Southdowns totalled 30; Delaine-Merinos, 63; Columbias, 40; Corriedales, 37; Hampshires, 40; Shropshires, 23; and Suffolks, 55. 116 Angora goats have been entered. In addition to the breeding sheep listed 142 fat lambs have been listed in the new open class lamb show with 445 in the boys' division.

Not listed as competitive stock but entered in the exposition as exhibit cattle are 50 head of Charollaise, Charbray, Santa Gertrudis, Indu-Angus, Texas Longhorns and Brown Swiss.

Another second show innovation is the 4-H Club and FFA Grass Judging Contest to be held February 17 at the Bexar County Coliseum. Competing teams are restricted to FFA and 4-H Clubs in Texas. Deadline for this contest is Feb. 3. No entry fee is required but the team coach must send entry blank to the San Antonio Livestock Exposition, P. O. Box 1746, San Antonio 6, Texas.

Two breeding cattle sales are slated to take place during the San An-

tonio Show with the Texas Hereford Association and the Texas Aberdeen-Angus breeders hold their sale Monday, February 20, at 1:30 p. m. On Tuesday, February 20, at 1:30 p. m. the Hereford breeders take over the sales arena. In addition to these sales, the South Texas Duroc Breeders' Association will hold a Duroc Breed-

ing Hog Sale at the swine arena on Friday, February 23, at 2:00 p. m.

Wild and rugged western competition will headline the show with the nation's top professional cowboys competing for \$30,000 in prize money at the 15 performances of the Everett Colborn World's Championship Rodeo.

Electricity is a versatile source of energy. From the same set of wires and by flipping a switch, the farmer may have light, heat or power.

NAYLOR HOTEL

THE
RANCHMAN'S
HEADQUARTERS
San Angelo, Texas



GRASSLAND "HUSBANDRY"

on the Boddy Ranch

When Macon Boddy, U. S. Marine, returned from World War II, he joined his father, Philo Boddy, in a long term conservation program for their 9,000-acre Clay County, Texas, cattle ranch near Henrietta, which has been a family ranch since 1898.

"With the cooperation of the Soil Conservation Service, we started our program in 1946," said Macon, "and through rotation and deferred grazing, proper stocking and brush control, we are getting our range back to its good native condition."

Under a general stocking program, the cattle eat out all of the best grasses first and allow the poorer ones to increase. Under a rotated program, cattle are crowded up in the early spring to eat the young weedy growth—then the cattle are shifted to other range to let the good grasses make seed.

"With this program, every time we get rid of a poor plant, good grass such as buffalograss or little bluestem replaces it."

"By other conservation practices such as terracing, planting of legumes and fertilizing, we will soon retire about 400 acres of old fields to pasture, producing all our feed requirements on the remaining 400 acres of crop land."

"As the quality and quantity of our grass improves, the

percentage of calf crop and calf quality increase until this year we had a 90% calf crop, averaging 430 lbs. at weaning. That is about a 50-pound increase."

All of the Boddy Ranch calves are shipped in the fall to their Arkansas Red River Bottom farm of 1,500 acres, where they are matured to feeders weighing 600 to 800 pounds.

Macon spoke with enthusiasm when he told of their long range plan: "Our advanced program is to complete the ranching operation by eventually feeding cattle with grain on seeded legume pastures for the production of quality beef."

Along with producing more good beef on more and better grass, on the same acreage, is the satisfaction of joining the nation in its greater production effort by effective livestock and land use.



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Don't miss the Livestock Show. Overall Premiums \$53,000. Steers, dairy cattle, sheep, goat, swine. Boys show. Grass judging contest. Quarter horse show. Cutting horse contest. Auction sale. Breeding cattle sales.

TICKETS—\$3.60, \$3.00, \$2.40, \$1.50—Performances nightly, February 16 through February 25. Matinees on Saturdays and Sundays. Send check or money order to Ticket Sales, San Antonio Livestock Exposition,

P.O. Box 1746, San Antonio. Please indicate the performance desired. Add 15c for postage.



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SAN ANTONIO --

RANCHMEN BEGINNING TO NOTICE GRASSES, SAYS MITTEL

HENRY MITTEL, Eldorado ranchman, has 50 acres of irrigated KR Bluestem and expects to get at least four gatherings or combinings this year or about a 10,000 pound seed production.

The retail price the season just ending was from \$3.50 per pound down to \$2.00 according to quality and germination. Germination in KR Bluestem is particularly important according to Mr. Mittel, and ranchmen are sometime wasting both time and money by buying a seed of too low a germination.

Mr. Mittel has been sowing pasture land in KR Bluestem especially

near and in rocky soil. Rocks, he believes, shed water and hold moisture, too. In cooling at night they tend to gather condensation moisture. Many of the best native grasses are found in rocky soil and this is not due, he thinks, to the inability of livestock to reach the plants to eat them.

Grass cultivation is still in its infancy, and the land owner is just beginning to notice grasses and to study their care, according to Mr. Mittel.

Seed are high now, and as the price comes down more ranchmen will plant introduced grass seeds and native seeds.

ELGIN HEIMANN NEW HEAD OF GILLESPIE FAIR ASSOCIATION

STIELER HONORED

ELGIN HEIMANN was named president of the Gillespie County Fair Association in the organizational meeting of the board of directors. Other officers chosen were Wm. Schroeder, Jr., vice-president; Wm. Petnecky, secretary-manager; Ralph Gold, recording secretary; and Norman Rech, treasurer.

Dates set for the July Race Meet were 1, 2, 3, and 4, Sunday through Wednesday. For the 63rd Gillespie County Fair the dates of August 17, 18 and 19 were chosen.

Men honored by the directors were

Adolph Stieler, who was named honorary president for life; and Otto Henke, who was named honorary vice-president for life.

Stieler, a constant contributor to the success of the annual fair and to the various stock shows and sales of the area, was named outstanding man of the community by the Fair Association last year.

Henke was honored for the 25 years he served as vice-president of the Fair Association. He was grounds chairman at the Fair Park during the time the present structures were erected on the grounds.

WARNING TO WESTERN SHEEP GROWERS

A DISEASE known scientifically as "tularemia," and commonly as "rabbit fever" is now prevalent in tick-infested sagebrush areas of the western states.

The malady is called "rabbit fever" because hunters contract it while dressing infected rabbits. The disease strikes in early spring, a time when sheep often are in poor condition. It may kill as many as 10 percent of the flock and those that recover will shed

all or most of their wool or produce a low quality wool.

Wood ticks have carried the bacteria responsible for a number of outbreaks. Success in controlling the spread has been obtained by moving flocks from tick-infested sagebrush to grasslands.

JOHN LAMPMAN SELLS WYOMING RANCH

JOHN LAMPMAN, Corriedale sheep breeder, has sold his Bear Creek ranch near Greybull, Wyoming, to Bun Davis and Son of Torrington, Wyoming. Included in the sale were 2,200-acres of deeded land, all livestock, machinery and mountain grazing permits. The price was not disclosed.

Lampman's father, C. F. Lampman, homesteaded the ranch more than 50 years ago. Lampman and his family will make their home in Billings, Mont.

GATEWAY TO SOUTHWEST

TEXAS LAMB PRICES REACH NEW HIGHS

SLAUGHTER AND feeder lambs established new all time high prices in early January at Fort Worth and San Antonio, reports the U. S. Department of Agriculture's Production and Marketing Administration.

Record-breaking prices were common at many of the country's leading stockyards during the first three weeks of January. The new highs were the result of a sharp advance on sheep and lambs and reflected record wool prices as well as higher wholesale markets for dressed lamb.

Supplies continued seasonally small. As had been expected, the number of lambs on feed in the U.S. on January 1 were 6 per cent smaller than last year, or the lowest since 1920, according to USDA. Wheat pasture lamb feeding is considerably below last year in Oklahoma and Texas, while Colorado holdings, far below a year ago, are at a 40 year low. In fact, drouth in the Southwest, caused a rapid shift of many lambs to other feeding sections.

Marketings of sheep and lambs at Fort Worth and San Antonio through January 18 totaled about 16,000 head. This was little changed from the same period in December or a year ago. However, in the breakdown by yards, Fort Worth receipts, at about 13,700 head, were about 20 per cent larger than a month earlier. The 2300 head run at San Antonio fell about one-third below the same period in December.

Supplies at Fort Worth this month included all ages, but lambs predominated. Aged sheep were poorly tested on most days. Demand was active and prices moved higher, but the advance came mostly in sympathy with the upturn at other major stockyards.

For the most part, early January trade on sheep and lambs at San Antonio was poorly tested as salable receipts held to relatively small proportions at most sessions.

Practically all classes of sheep and lambs shared in a \$1 to \$2 advance at Fort Worth. Some feeder lambs in the wool were as much as \$3.50 above the close of December trade. By mid-January, choice wooled slaughter lambs sold around \$33 and \$34 per 100 pounds, or a new high for old crop lambs at that market. Good and choice shorn offerings spread from \$29 to \$30, with medium grades at \$28.50. Medium and good slaughter yearlings earned about \$24 to \$25.

Ewe prices ranged from \$17.50 on good grades down to \$13 for culls, but offerings were limited on slaughter accounts. A few breeding ewes changed hands at \$21 per head.

Demand for feeder lambs held up

well in early January due mostly to the smaller lamb crop this year and the increased numbers held back for breeding purposes. A good part of the lamb run at Fort Worth this month went back to feed lots. Woolled feeder lambs moved out at \$30 to \$33 by the middle of the month, with the latter price a new all time high on feeders. Shorn offerings went back to the country at \$30 and down. Woolled feeder yearlings brought \$25 while shorn lots cleared at \$20 to \$23.

Limited receipts and variations in class and grade made price comparisons difficult at San Antonio this month. However, on the basis of reported sales, slaughter and feeder lamb prices by the third week of January looked around \$2 higher than at the close of December trade. Ewes were up about 50c.

By January 19, good and choice woolled lambs brought \$32 to \$32.50 at San Antonio. This was only 50c below a new all time high of \$33 set by truck-lots of good and choice 96 to 99-pound woolled lambs during the previous week. Another new peak came on good and choice 92-pound fall shorn lambs when prices reached \$31 in the second week of January trading. By the end of the third week, most medium and good fall shorn lambs earned \$30. Good and choice fresh shorn offerings moved at \$26 to \$27.

In the aged sheep division, good wethers with No. 2 and 3 pelts cleared \$17.50 to \$18.50. Common woolled ewes brought \$14 with culls down to \$13.

Buyers took medium 60 to 70 pound fall shorn feeder lambs at \$27 to \$28 in San Antonio. Mixed fat and feeders realized \$30. The \$30 price also secured replacement ewe lambs but offerings were very limited.

San Antonio's goat market displayed a mixed price trend for the month. Mature goats were around \$1.50 to \$2 higher than December's close but kids were \$1 to \$1.50 lower.

At the close of trade on January 19, the bulk of common and medium Angora and Spanish type goats sold in a \$13.50 to \$14.25 range at San Antonio. Culls were down to \$13 per 100 pounds. Some fresh shorn Angoras went to small butchers at \$15, while those in the hair brought \$16. Also, yearlings in the hair reached \$18. Mixed kids and yearlings changed hands at \$7.75 per head. Other kids moved at \$5 to \$6 each.

Both cattle and hogs shared the general advance in livestock prices at Fort Worth and San Antonio during the first three weeks of January. However, the gain was not as sharp in hogs as it was in cattle.

RANGE FIRES BIG HAZARD

JANUARY RANGE fires burning thousands of acres of southwestern grassland are but a part of the bad results of the serious drouth which is causing increasing worry to livestock growers and feeders throughout the southwest. In some Hill Country areas in mid-January three or more fires per week had been reported with the fires becoming increasingly difficult to handle and becoming more destructive as the range becomes dryer and winds apparently increased in strength. The fires around Brownwood have been very costly as have fires in other areas, but one fire near Brownwood has drawn particular attention because it burned the fire fighting equipment sent out from Brownwood to cope with the situation. With high winds behind the galloping flames the fire truck and several hundred feet of very expensive hose were trapped and destroyed completely. Even some of the men with the equipment were burned painfully.

One ranchman is reported to have started a fire when he drove a pickup truck near a straw stack. The spinning rear wheels ignited the straw and the blaze spread quickly.

Tramel Wilson, Pete Moulton, and Joe Moulton of San Angelo bought 3,000 yearling ewes from Vernon, Dallas and Clay Miller of Pontotoc. Ewes will be delivered out of the shearing pens May 1.

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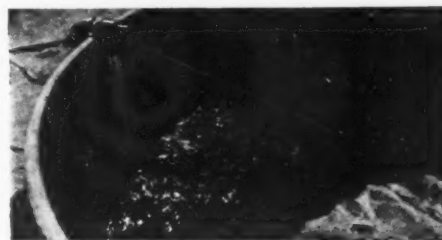
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BECTON SHOWS REAL BRED LAMB TO CHAMPIONSHIP

Chas. Becton 4-H Club boy, Kerrville, showed fine South-down lamb bred by Amie F. Real, to the championship of the Kerr County Boys' Livestock Show January 18. The lamb was purchased with showmanship award money which Charles won last year. He won the showmanship award again this year.

FINEWOL SHEEP

(Continued from page 38)

which gives soundness and permanence to commercial activity. Why not exhibit the results of such effort as it is revealed in 95 percent of the sheep business?

Commercial production and especially cross-breeding succeeds because of the good qualities which have been bred into the purebred through generations of selective mating. Why not show the results that can be obtained with the use of purebreds commercially, under the same theme that started Fairs and has kept them going?

Right here, an interesting point in connection with sheep production is that practically every breeder group dealing with mutton-type sheep has talked about the advantage of using a ram of their breed on Merino ewes. People have come to thing in terms of what one ram can do. If a ram is

used in such a crossing program to his full limit FIFTY Merino ewes will have been employed. People haven't stopped to think that the dam contributes 50 percent to the goodness of the progeny in any mating, and in addition contributes the qualities which make the flock efficient to handle, to feed, to house, to breed promptly, to rustle, and to band together. The question is — what makes success? Nowhere else in the sheep industry are the same utility and flocking qualities found in the same abundance as those which are characteristic of the finewool ewe. The final program for the new showing of commercial results isn't here, but it is on the "menu" as food for thought and as a possible addition to the present showing program.

Jewell New President

Arthur Jewell, prominent Knox County farmer, Merino sheep breeder, who runs over 600 purebred and grade Merino sheep on his farm and who, in the meanwhile, finds time to serve as Vice-President of the First National Bank of Delaware, Ohio, was elected President of the Association for 1951. Paul Aitken of Zanesville, Ohio, continues as Vice-President. Don Bell will continue to supervise the Secretarial work of the Association.

Merinos may not be spectacular — for 2,000 years they have been dependable; and they are a sound base for a permanent sheep industry.

EARL HAMMOND BUYS ALPINE RANCH

EARL HAMMOND of Colorado City recently bought a 21-section ranch, 50 miles south of Alpine in Green Valley.

Originally owned by Jim P. Wilson, 24-sections of the ranch were sold four years ago by the Wilson Estate to Earl McElroy.

Previously Hammond had ranched under lease in Presidio County. He will take possession as soon as abstracts are approved.

SIX SECTIONS BURNED IN SUTTON COUNTY

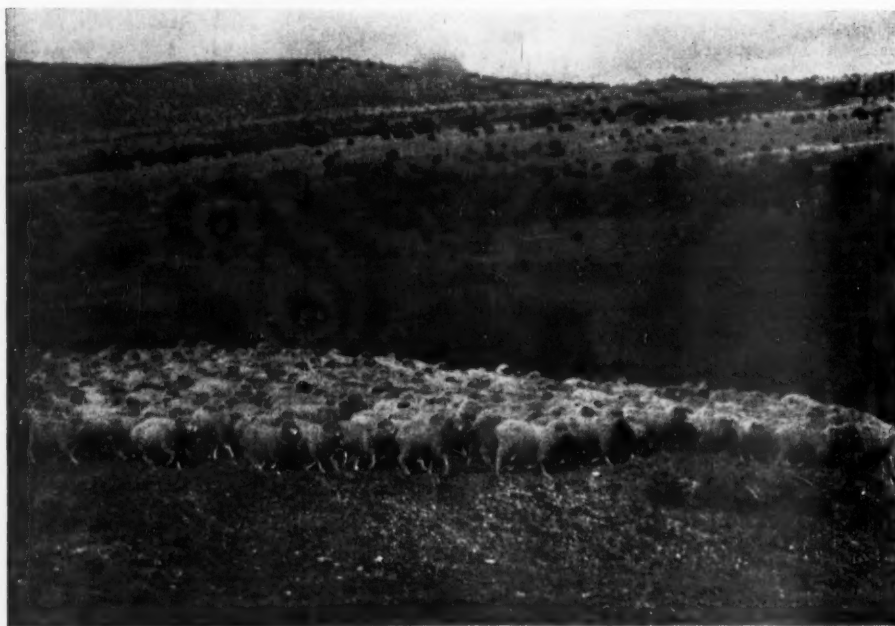
SIX SECTIONS, covering parts of two ranches, were destroyed by fire, January 16.

The fire, believed to have started from pear burning, took three grassland sections of the J. D. Wallace ranch and then moved to the Willie Miers ranch. No buildings were destroyed and all livestock escaped, but the fire raged for 8 hours.

Fanned by high winds from the north, the flames were out of control despite the efforts of ranchmen and fire departments from Sonora, Eldorado and Ozona.

Shirley Commission Company handled 407 fresh shorn feeder lambs on the Fort Worth market, January 24, selling them at \$29. Lambs were from the Leonard Ranch of San Saba. Average weight was 87 pounds.

Shirley sold 178 wool feeder lambs which averaged 92 pounds for Owens Brothers at \$35; and 20 bucks averaging 121 pounds at \$33.



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LARGE ENOUGH to handle your complete financing program. Dependable and designed to assist its members in making financial progress.

SMALL ENOUGH to give you individual attention that assures you a friendly and personal credit service.

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Uvalde, Texas

TEXAS
PHIL LANE, Mgr.
San Angelo

COLEMAN
J. C. MARSHALL, Mgr.
Coleman, Texas

SAN SABA
H. D. CHADWICK, Mgr.
San Saba, Texas

ANNUAL MEETING OF TPCA HELD IN SAN ANGELO

WITH MORE than \$8,000,000 loaned during 1950, the Texas Production Credit Association received \$72,096.66 in net interest and fees, and \$22,258.85 in interest on bonds, for a total of \$94,355.51. These figures were made known to some 300 stockholders and their wives who attended the annual meeting and banquet of the Association January 22 in San Angelo. Expenses totaled \$46,508.16 for last year, leaving the net profit at \$47,847.35.

The Texas Production Credit Association reached a net worth in the past year of more than \$1,000,000 without relinquishing its customary patronage refund. Last year directors were authorized to withhold one-half percent patronage refund to build up a worth of a million dollars. But with the biggest business year in history the Association reached its goal and was still able to pay the refund. Net worth is now placed at \$1,019,659.69.

J. R. Canning of Eden and Lloyd D. White of Fort Stockton were re-elected for 3-year terms as directors. Holdover directors are R. C. Chandler and R. C. Leffel of San Angelo and Sayers Farmer of Junction. Associate Directors Max D. Menzies of Menard and Willie B. Wilson of San Angelo were re-elected.

All officers were re-elected: Canning, president; Farmer, vice-president; Phil H. Lane, secretary-treasurer.

er; Otis C. Grisham and Lila U. Simpson, assistant secretary-treasurers.

W. J. McNally, president of the Federal Intermediate Credit Bank in Houston asked ranchmen to push wool production to the highest peak in view of the national emergency. He emphasized the importance of preventing the slaughter of ewe lambs. If there is not enough grass for the ewe lambs, he advised ranchmen to sell them to a buyer who would use them for replacements.

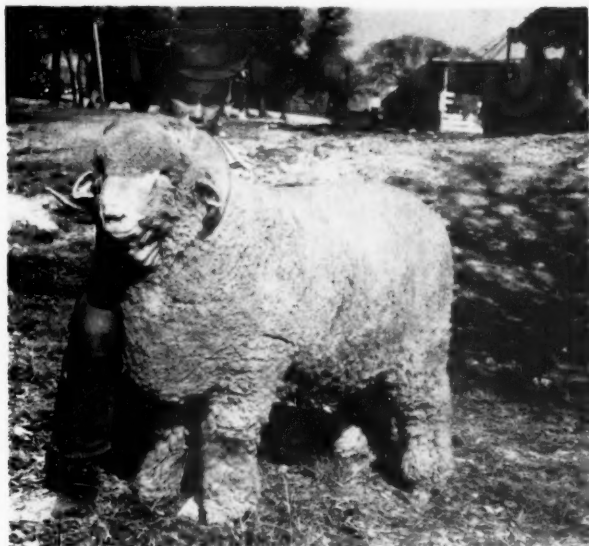
McNally said further that if mutations were held over longer it could increase wool production some. To the war effort, wool is more valuable than mutton, he declared.

BIG PANTHER KILLED SOUTH OF SANDERSON

A 200-POUND panther was killed January 6 on the John Ammons ranch 30 miles south of Sanderson by Ranger Forrest G. Hardin.

Hardin and Game Warden W. A. Gentry set a trap for the animal after having sighted his tracks and found where he had slaughtered sheep. The cat measured 8 feet and 9 inches from tip to tip. He was caught in a No. 14 trap.

Signs of other cats have been seen in that section of the country and much damage is being done by the predators.



**BODE SHOWS CHAMPION RAMBOUILLET AT
JUNCTION AND KERRVILLE**

Young Kimble County 4-H Club boy, Donnie Bode with his Sears Rambouillet is going to town in producing and exhibiting his fine sheep. Here is shown his champion Rambouillet ram winner in the Hill Country District Show and his local Kimble County show.

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Vice-President

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C. G. HADLEY
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Experience and Service

We believe no other organization can give you more service or better service in drenching sheep. I have had more than 25 years of hard work in this business; Yeager Grimes, 15; Hess Driskill, 10; total 50 years. We have the equipment to do the job right — anywhere in the U. S.

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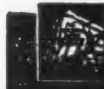
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The RANCH HOME and News of Woman's Auxiliary

Mrs. Walker Calls Meeting of the Auxiliary Advisory Board

A LUNCHEON Meeting of the advisory board and the wool promotion committee of the Woman's Auxiliary of the Texas Sheep and Goat Raisers' Association was held January 23 in San Angelo. Mrs. R. L. Walker, president of the Auxiliary, called the session to decide on the 1951 wool promotion plans.

Mrs. J. W. Vance of Coleman, president of the National Wool Growers Auxiliary, presented the views of the women in other states as voiced at the National Convention in Casper, Wyoming, recently.

Mrs. J. S. Farmer revealed plans made in the Hill Country for a wool and mohair festival to be held in the fall.

Discussions were held in regard to the geographic area divisions for the 1951 "Make It Yourself With Wool" Contest. A motion was carried to refer this decision to Mrs. W. B. Wilson of San Angelo and her committee. Mrs. Wilson is the first vice-

president of the Auxiliary and the chairman of the wool promotion committee. A report of this committee will be presented at the quarterly meeting in Bandera, March 10. Members of the wool committee are: Mrs. Wilson, Mrs. E. S. Mayer of Sonora, Mrs. Walter Pfluger of Eden, Mrs. G. A. Glimp of Burnet, Mrs. Watt Reynolds, Jr. of Kent, Mrs. M. C. Puckett of Fort Stockton, Mrs. Ross Snodgrass of Kerrville, and Mrs. Henry Newman of Coleman.

Mrs. Walker presided over the meeting which was held in the Art Room of the Hotel Cactus. Present were: Mrs. Walker, Mrs. Marsh Lea, Mrs. M. C. Puckett, Mrs. Frank Fulk of Fort Stockton, Mrs. Leo Richardson of Iraan, Mrs. Walter Pfluger of Eden, Mrs. J. S. Farmer of Junction, Mrs. Henry Newman and Mrs. J. W. Vance of Coleman, Mrs. Wilson, Mrs. H. C. Noelke, Sr., Mrs. Ernest Williams and Miss Sue Flanagan of San Angelo.

PECOS COUNTY NAMES AUXILIARY OFFICERS

THE HOSTESSES for the next meeting of the Pecos County Auxiliary of the Texas Sheep and Goat Raisers' Association will be Mrs. H. H. Mathews, Mrs. Marsh Lea and Mrs. D. J. Sibley, Sr.

A Quarterly Directors meeting of the Texas Sheep and Goat Raisers' will be held in Bandera, March 10. On Friday, March 16, following this meeting the Pecos County Auxiliary will convene.

Officers serving the Pecos group this year are: Mrs. Clayton Pucket, chairman and Mrs. R. A. Bishop, co-chairman. Mrs. Marsh Lea is treasurer; Mrs. Del Currie, secretary.

On the finance committee are Mrs. R. R. Payne, chairman; Mrs. H. H. Saenger and Mrs. Dorbandt Barton.

Mrs. Frank Perry is chairman of the refreshment committee and will be assisted by Mrs. Guy Rachel and Mrs. Clayton Williams.

The decorating committee is composed of Mrs. Page Carson, Sue Walker and Jenny Allison.

As part of the program for the next county auxiliary meeting Barbara Rainwater will read her prize winning essay "Why I like to sew with Wool."

The Pecos County area is playing a major part in state auxiliary activities this year with the state president, Mrs. R. L. Walker; the secretary, Mrs. Frank Fulk; and the treasurer, Mrs. Leo Richardson, all Pecos County residents.

COLEMAN COUNTY AUXILIARY INSTALLS NEW OFFICERS

THE COLEMAN County Auxiliary of the Breeder-Feeder Association and the Texas Sheep and Goat Raisers' Association installed new officers on January 1 in the recreation building on the Coleman rodeo grounds.

Supper was served to 78 persons prior to the meeting and installation. Mrs. Sam Lindsey, Mrs. Paul Riddle and Mrs. Floyd Jameson were the hostesses.

New officers are Mrs. Henry Newman, president; Mrs. C. D. Bruce, vice-president; Mrs. Charles Sewell, secretary; Mrs. Lonnie Hinds, treasurer; and Mrs. Rex Garrett, publicity chairman.

Reports of the past year's work were heard. Mrs. Newman presided over the meeting of 52 Auxiliary members.

HILL COUNTRY CHAPTER PLANS ENTERTAINMENT

PLANNING Committee members of the Hill Country Chapter of the Woman's Auxiliary of the Texas Sheep and Goat Raisers' Association met January 16 in Bandera.

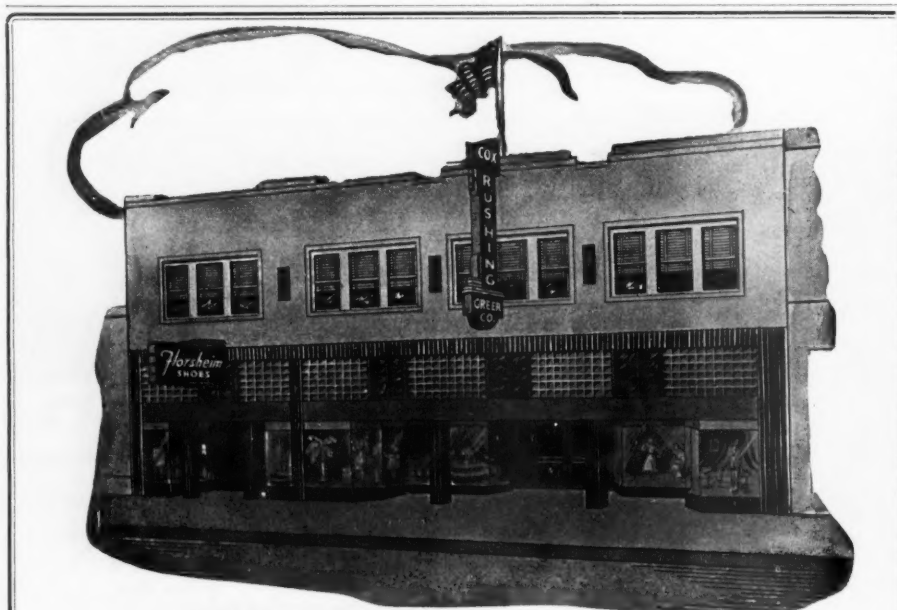
The group decided on March 16 as the date for an entertainment to be given for the Hill Country Chapter. All women in the Hill Country who are interested in the sheep and goat industry are invited to take part in the entertainment.

The committee was composed of Mrs. Ray Wyatt, Mrs. Russell Kooztz, Mrs. C. G. Clousnitzer, Mrs. Les Short and Mrs. John Saul.

MOTH PROTECTION

IT HAS been estimated by the Quartermaster Laboratory that the Army can save \$75,000 to \$100,000 a year through the use of a DDT solution in the protection of woolen fabrics from moths during storage. Tests on fabrics treated with 0.5% DDT solution at the time materials are sponged showed protection for indefinite periods of storage. The fabrics continued to be insectproof after they have been made into woolen uniforms until the uniforms were dry cleaned. The protection can be renewed by treating the uniforms again in the dry cleaning or laundering process.

The present method of protecting wool fabrics in storage consists of placing naphthalene flakes in rolls of cloth and in boxes of manufactured uniforms, atmospheric fumigation with methyl bromide, application of residual sprays on the outside surfaces of stacks and in storage environments, and the frequent aerosol treatment of warehouses. Tests at the U. S. Department of Agriculture Laboratory at Savannah, Ga., under conditions simulating warehouse storage and with heavy concentration of insect infestation, show the 0.5% treatment with DDT gave complete protection.



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WE CORDIALLY INVITE YOU TO OUR STORE

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San Angelo, Texas



By JACK B. TAYLOR

SINCE JANUARY 1, 1951, the American Rambouillet Sheep Breeders' Association has issued memberships to Jimmy Twain Stubblefield of Ballinger, Texas; Aaron Chipman — American Fork, Utah; Howard Davis — Brownwood, Texas; Harvey Williams — Vancouver, Texas; William W. Crockett — Ramah, New Mexico; Milburn L. Pinkerton — Junction, Texas; R. H. Bassett — American Fork, Utah; and Don Cooper — Ft. Stockton, Texas. This makes a total of thirty-five new members since July 1st, the start of our fiscal year, and it is equal to the total number issued the past fiscal year.

Several county agents who have been observing the Sears Rambouillet Program in Menard, Kimble, and Gillespie Counties expressed the hope that the program will be expanded to include their counties in the near future.

Oren A. Wright, Rambouillet breeder from Greenwood, Indiana, has written the Association office for the San Angelo Fat Stock Show dates. Mr. Wright plans to attend the show.

Leo, Leonard, and Rod Richardson are very busy setting up the irrigation system on their Live Oak Creek farm. Neighbors say Leonard is getting to be quite a tractor "herder" for a fellow that never sat on anything rougher than "Old Blue" or a Jeep.

B. F. Bridges and Son of Bronte are well pleased with the lambs they are getting from their Ram that was champion at the March, '50 San Angelo Show. "Porkey" says they have had some very attractive offers for the Ram.

Joe Stocks, former registered Rambouillet breeder from San Angelo and Kent, Texas, has indicated he plans to get back into the Rambouillet business.

The Coffin Sheep Company of Yakima, Washington, has recently purchased some Registered Rambouillet Ewes and plans to join the Association.

The recent survey of possible entries in the July registered Rambouillet Ram sale at San Angelo indicates there will be some 400 fitted Rams and 200 unfitted Rams consigned to the sale. In addition to regular consignors, new breeders and breeders who are consigning for first time in several years include: Hume Sparks — Ephraim, Utah; John Bledsoe — Eldorado, Texas; Morgan and Lemley — San Angelo, Texas; Ted Bailey Joy — Roosevelt, Texas; Hartsel Ranch —

Hartsel, Colorado; A. W. Keys — Eldorado, Texas; Oren A. Wright — Greenwood, Indiana; and T. F. Bengt — Millersview, Texas.

John Prosisie, Rambouillet breeder from Paint Rock, Texas, visited the Rambouillet Association Office recently. Mr. Prosisie bought some ten- and eleven-year-old registered Rambouillet Ewes in 1939 for \$4.00 each. He raised four lamb crops, four wool crops and then sold the Ewes for \$25.00 each.

When he purchased his farm near Paint Rock, the fields were badly infested with Johnson grass. He tried row cropping some of the farm with costs over \$1,000.00 for chopping. Another part was grain farmed and pastured with Rambouillets with no harvesting expense, and the sheep killed out his Johnson grass.

Mr. Prosisie got started in the sheep business by raising "dogie" lambs when he was a small boy. His father was a stock farmer with no sheep. After several dry years he was deeply in debt, but John's flock of sheep began paying off the notes. Mr. Prosisie believes that sheep would be an important source of income and fit well into many farmers' programs.

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★ Introducing the new, glamorous bedroom group of Ranch Oak by A. Brandt. The Hollywood Bar Bed shown here, is one of the newer additions to this friendly group. The clean style-lines are both simple and sophisticated. Like the homes it is meant for, it has a look of substantiality without being overscaled — perfectly in accord with today's architecture and way of life. We invite you to see our complete display of Ranch Oak including Living Room, Dining Room and Bedroom. We know you will enjoy its friendly, inviting look.

ROBERT MASSIE COMPANY

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PASTURE GRASS for fall planting

- ★ CANADA WILD RYE
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- FESCUE

Dependable imported and domestic grasses of wide adaptability of soils . . . tested and proved throughout the Southwest.

LOOK
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Buy in confidence.
Over 35 years of
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IN THE SHEEP BUSINESS

IN LIKE A LAMB — and in with a lamb. At the Coleman Livestock Show, Mrs. Jim Gill was presented with a lamb as a token of the office to which she was recently elected, that of secretary-treasurer of the Women's Auxiliary of the National Wool Growers. The Gills are polled Hereford raisers and have no sheep at the present time. This presentation, made by J. W. Vance, right, and Weldon Davis, center, was in behalf of the Coleman people who decided it was time to put the Gills back into the sheep business. Seated are Theo Griffis, Coleman warehouseman, and Mrs. Weldon Davis.

LUCIUS M. STEPHENS & CO.

DEALER IN WOOL AND MOHAIR
BONDED WAREHOUSES: LOMETA, TEXAS

Corriedale Ewes Are Very Prolific

- THIRTEEN lambs registered from 10 year old Powell 4 of Nebraska
- TWELVE lambs registered from 11 year old UofN 4025 of Nebraska
- ELEVEN lambs registered from 10 year old LLC 1227 of California
- NINE lambs registered (3 sets of twins & 1 set of triplets) from 7 year old UWX 315 of Ohio



For free booklet and list of active members write to:

Rollo E. Singleton, Secretary

American Corriedale Association
INC.

100 N. Garth

Columbia, Missouri

GRAY TRAILER COMPANY SEVENTEEN YEARS OLD

IN THE United States, 264 dealers are supplied with Gray Trailers from one plant located in San Angelo. This plant was started in 1934 for one reason — demand. Its owner, Owen Gray, Jr. had been in the welding and blacksmith business all his life in West Texas, and knew first hand the needs of ranchmen.

Gray was born in Doole, McCulloch County, the son of a blacksmith. He helped his father there and developed an interest in the work which formed a foundation for the industry he was later to start. Owen Gray, Sr. operates a blacksmith and welding shop in Doole.

Owen Gray, Jr. had a welding shop in Sonora from 1930 to 1934 and in the latter part of 1934 moved to San Angelo to start the Gray Welding and Trailer Works. From the beginning, 17 years ago, with "just a plain trailer," the company now has 27 standard models for trailers including Waldorf accommodations for every kind of livestock from horses to a load of sheep.

The Gray Wheel Mounting Mechanism is a feature of all Gray Tandem Horse Trailers and may be had on the two-wheel trailers if desired.

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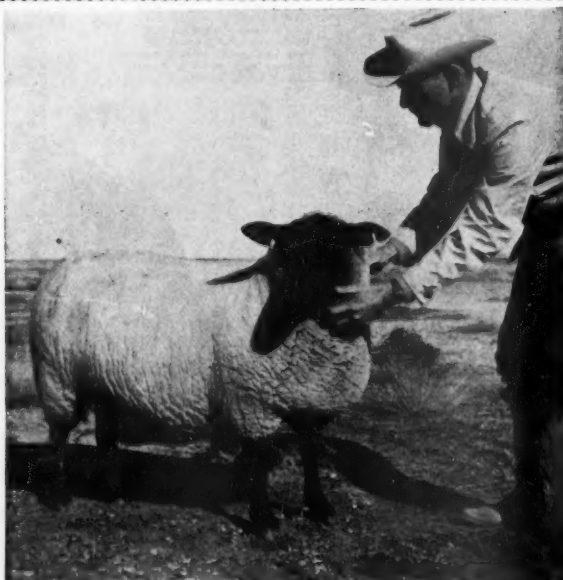
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Are You Working Wet-Backs?

Ranchmen Must Pay Social Security on Processed Laborers

A NUMBER of ranchmen have expressed doubt relative to the status of their processed Mexican labor with respect to whether or not payment of social security should be made. According to the Field Office report of the Social Security Administration of San Angelo, Mexicans working on any farm or ranch in Texas, if qualified, are to be handled exactly as any other laborer and all necessary social security and income tax deductions are to be made.

It has been reported that many Mexican officials in allowing Mexican laborers to cross into Texas for work have insisted that the ranchman processing the laborer agree that no deduction for social benefits be taken from the laborer's pay. In this instance the employer is obligated to contradicting authority, with the United States law taking precedence.

An analysis of the status of processed Mexican nationals according to the Social Security Administration is given herewith:

"Both the Social Security Act and the Internal Revenue Code define 'employment' as 'any service, of whatever nature, performed after 1950—by an employee for the person employing him, irrespective of the citizenship or residence of either,—within the United States . . .'. There are certain exceptions to this definition and among them is agricultural labor that is not 'regularly employed.'

"An agricultural worker is not covered until after he has been continuously employed (whether or not in farm or ranch work) for a full calendar quarter by the same employer.

This is called a 'qualifying quarter' and no report or tax is due for any agricultural work or other expected service in that quarter.

"After a 'qualifying quarter' has been obtained, the wages of a farm or ranch worker are covered if in the calendar quarter following the 'qualifying quarter' he earns \$50 or more in cash wages and works on 60 or more days on a full-time basis in agricultural labor. His wages remain covered in each succeeding quarter so long as he earns \$50 or more in cash wages and works for the same employer on 60 or more days on a full-time basis in agricultural labor in the quarter. If in any consecutive quarter he works 60 or more days on a full-time basis for the same employer in agricultural labor but earns less than \$50, his pay for that quarter is not covered but he is still considered 'regularly employed.'

"If he does not work at least 60 days on a full-time basis in agricultural labor for the same employer in the quarter following a quarter in which he was 'regularly employed,' he loses his standing as 'regularly employed' for future quarters and his pay for agricultural labor in future quarters will not be covered until after he again obtains a 'qualifying quarter.' In such quarter in which he worked less than 60 days, however, his pay would be covered if he nevertheless earned \$50 or more for that quarter, since he does not lose his standing as 'regularly employed' until the next quarter.

"In determining whether \$50 or more has been earned in a calendar quarter, only cash remuneration for agricultural labor shall be taken into account."

L. F. Sneed of San Angelo bought 1,700 wool lambs from Jack Barton of Abernathy at 31 cents a pound. Formerly on wheat, the lambs will be in a feedlot until delivery February 5.

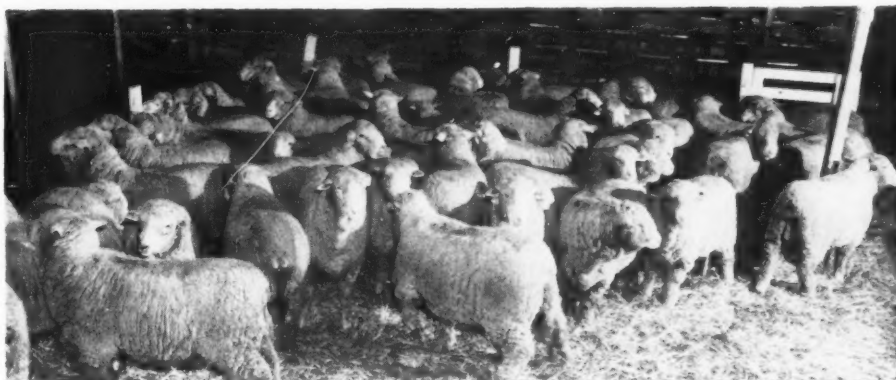
R. P. Lee, San Angelo livestock buyer, sold 5,500 yearling ewes at \$22.50 to \$26 a head out of the wool for May delivery. The buyer was from Kansas City.

Lee sent 650 pairs of mixed age ewes with early lambs to Kansas buyers at \$25 to \$32.50 a pair.

Farmers and ranchmen have won recently a very important victory. Through the efforts of their livestock associations they can get the benefit of capital gains from the sale of breeding animals even though the herd is maintained at its regular size by replacement. This income tax saving for each grower will pay a lot of dues to his livestock organization.

Sheep are high in Australia, too. Wethers kept for wool only are selling up to \$35 per head, it is reported.

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Salt furnishes the chloride for hydrochloric acid needed to break down protein. It also puts the trace minerals, particularly iron, in more usable form. Salt also supplies the sodium of the bile for the digestion and assimilation of fats and carbohydrates.

Cobalt provides for an active condition in the rumen and intestines of your animals . . . it guards against anemia. Manganese helps the calcium and phosphorus to build strong bones, sturdy frames. Iron and copper work together in making good, rich red blood . . . healthy blood which carries

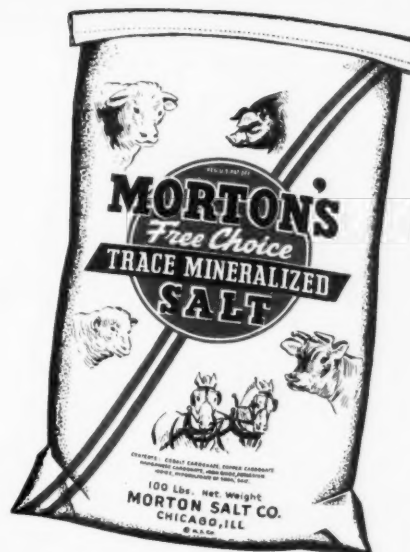
oxygen to the body cells. Iodine stimulates the thyroid gland . . . it is instrumental in controlling the entire body activity.

In other words, there is a direct relationship between the functions of trace minerals and the functions of salt. They work together for one over-all beneficial effect — more vigorous health, faster gains, lower feeding costs and greater livestock profits.

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